

RADIANCE

2022

Journal of Social Orientation and Community Involvement of Mapúa University

INTRODUCTION

Consistent with its Mission and Vision, Mapúa University addresses community needs based on program expertise to address relevant social issues. Through its Office for Social Orientation and Community Involvement Programs (SOCIP), Mapúa University has been collaborating with different NGOs, government agencies, local government units and private agencies to create feasible and sensible projects for the betterment of the people in the community.

With the guidance of the United Nations Sustainable Development Goals, Mapúa University is working on key programs which focus on the achievement of the SDGs. Aside from this, the Extension Service Initiatives also direct the social and community involvement activities of Mapúa.



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COMMUNITY INVOLVEMENT PROGRAMS**

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SOCIAL ORIENTATION AND COMMUNITY INVOLVEMENT INITIATIVES



Research-Based Extension Service

Guided by the Commission on Higher Education's triad on rendering quality education, the integration of research, instruction and extension will give relevance in addressing the needs of the community. The learning provided through instruction will brought about the use of research that brings output in terms of extension service.



Health and Environment

Global issues on health and environment has become alarming. Such issues and concerns shall be addressed through the technical capabilities and human resources of the University. Modes of prevention, assessments and solutions shall be done to create a healthy community and clean environment.



Livelihood and Cooperative Building

Livelihood programs shall be introduced to the community. Building a cooperative shall serve as venue to market and sustain the products of the community as a result of the livelihood programs introduced. It shall ensure that products of the community beat par with the market in terms of quality but at lower cost. The cooperative shall be an access to basic commodities to address basic needs.



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SOCIAL ORIENTATION AND COMMUNITY INVOLVEMENT INITIATIVES



Education

The University shall develop programs in education. The program for education shall empower the community to make intelligent decisions. It shall in its capacity, address the needs of out-of-school youth and adults. It shall foster teaching and learning by conducting trainings/seminar/workshops that are current in content especially for public school teachers and students.



Values Formation, Sports, Recreation, Culture and the Arts Program

Programs on values formation, sports, recreation, culture and the arts shall help the community spend their time in more relevant activities.



Consultancy Program

Consultancy shall be used to address community needs either on regional or national level. The University's technical expertise shall be utilized on-site and off-site to assess and find recommendations and solutions for the community.



Outsourcing

Aside from the provisional budget allocated by the University for extension services, the school shall find ways to outsource fund and resources to achieve its extension service initiatives. Outsourcing includes funding, manpower, materials, skills and knowledge and technology transfer.



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SOCIAL ORIENTATION AND COMMUNITY INVOLVEMENT INITIATIVES



Aid and Infrastructure

The University's extension services shall be made available to quickly respond to calamity stricken areas and address real time community requests and needs. It shall in its capacity, mobilize and prepare its people and resources to respond and administer any aid that maybe delivered to the community.

The University shall help improve the conditions of the community through visible infrastructure related projects. Provisions for assessing structure's electrical wiring, structure rigidity and overall safety shall be done. Design of infrastructure for public use can be addressed by the faculty at the comforts of the four walls of a room. Direct contact with the community need not be observed for design and concept making shall be done using the University's facilities.



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School of Chemical, Biological, Materials Engineering and Sciences



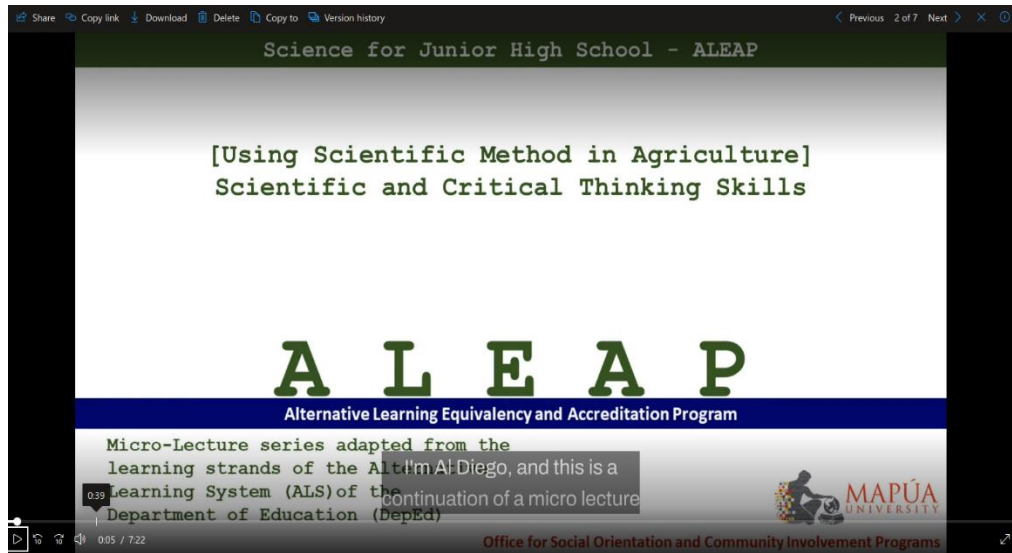
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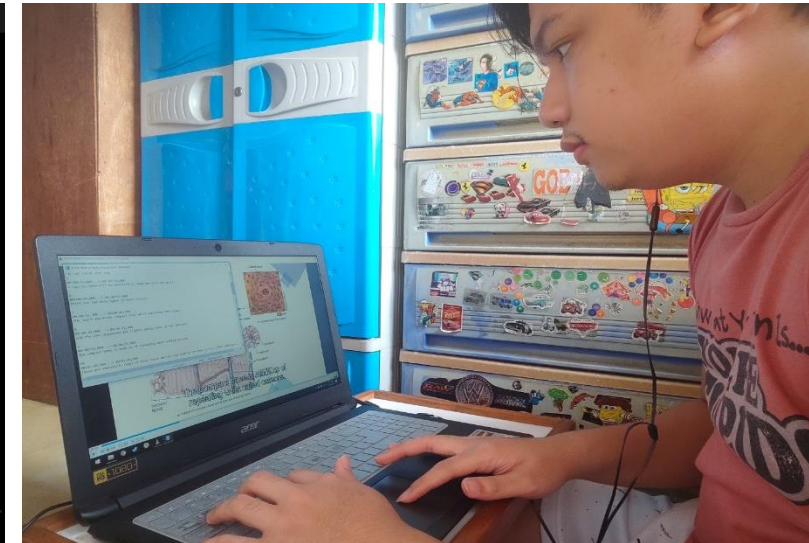
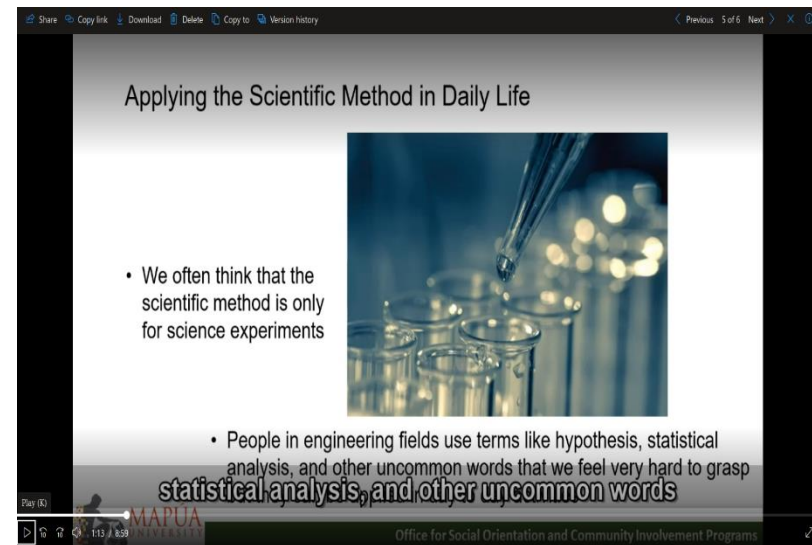
OFFICE FOR SOCIAL ORIENTATION AND
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Creation of Micro-Lecture Videos (MLV) and Assessments for Alternative Learning Equivalency and Accreditation Program (ALEAP) Learning Strand 2: Scientific and Critical Thinking Skills

To support the delivery of the Alternative Learning Equivalency and Accreditation Program (ALEAP) of Mapua University amidst the pandemic, faculty members from the School of Chemical, Biological, and Materials Engineering and Sciences created micro-lecture videos on Learning Strand 2: Scientific and Critical Thinking Skills. The video lectures were created to aid the learners in their online learning during the time of lockdowns in the country.



The micro-lecture videos were stored in the Dunong Lingkod website of Mapua University and can be accessed freely by the learners. Assessment is also available to gauge the learner's knowledge on the lesson. <https://dunonglingkod.mapua.edu.ph/>



Perfume 101: Oil Extraction and Business Plan

Programs of Interest

Chemistry, Chemical Engineering and Biological Engineering,
Industrial Engineering

Senior High School Community-Based Immersion Program (SDG1-1: Perfume 101: Oil Extraction and Business Plan)

The School of Chemical, Biological and Materials Engineering and Sciences in coordination with the Senior High School Department and SOCIP Office implemented a Community-Immersion Program (CBI) that aims to provide an immersion activity for senior high school students through community involvement activities.

The School of CBMES The School of CBMES implemented the **Perfume 101: Oil Extraction and Business Plan** short course and activity that seeks to raise awareness among the students and participants of the rich indigenous resources of the Philippines in the fragrance and perfume industry. It also seeks to provide a primer for the fragrance oil business through writing a lean start-up format business plan and a short video pitch for investors and clients of the business.

Types of Perfumes

- Oil-based
 - Carrier oils like coconut, apricot, almond oil
 - Longer lasting than other types
- Alcohol-based
 - Spray perfumes, tend to volatilize easily
- Wax-based
 - Long-lasting like oil-based, compact and can be stored easily
 - Made with butter or wax
- Body Spray
 - Most inexpensive, composed of fragrance oil and water



Immersion Activity

- Create a **sustainable** business plan in the lean start-up format
- Perfume-making or fragrance oil business
- Doable in the local community (materials and resources)
- Written report in pdf format
- A short 5-mins sales pitch

School of Civil, Environmental and Geological Engineering



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Office for Social Orientation and Community Involvement Programs



Senior High School Community-Based Immersion Program (SDG11-1: Floor Plan-Based Materials Costing Estimate)

The School of Civil, Environmental, and Geological Engineering participated in the Senior High School Community-Based Immersion program which involves students to work on a material cost estimate of their chosen residential floor plan that shall be relevant for the community to use.

The students' works were rated by their faculty mentors using the student performance evaluation instrument. Included in the work submission of the students are the following: (1) floor plan showing all significant dimensions, (2) a power point presentation showing the completed work, (3) daily progress reports on MS word file, (4) detailed calculations of area, volume and cost of materials in MS excel file, (5) list of materials' unit cost, suppliers' name, address and contact details, and (6) students' post evaluation reports.

My files - OneDrive | All Apps | Adobe Cr... | Free Grammar Chec... | Office for Social Ori... | URL Shortener - Sh... | Mixkit - Awesome F... | Speechnotes | Spee... | Paraphrasing Tool L... | ALEAP MLV remark...

Open | Share | Copy link | Download | COST ESTIMATE.pdf | 1/11

Outer Wall and Windows			
Label	Length M	Height M	Area MP2
W1	12	2.4	28.8
W2	12	2.4	28.8
W3	12	2.4	28.8
W4	12	2.4	28.8
TOTAL	48	9.6	115.2

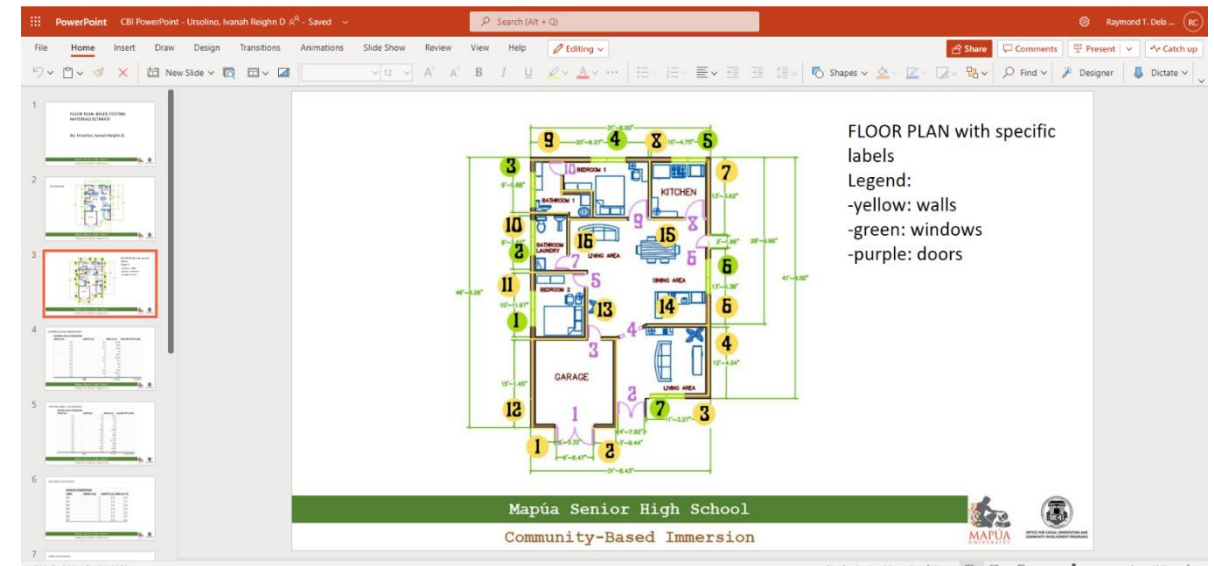
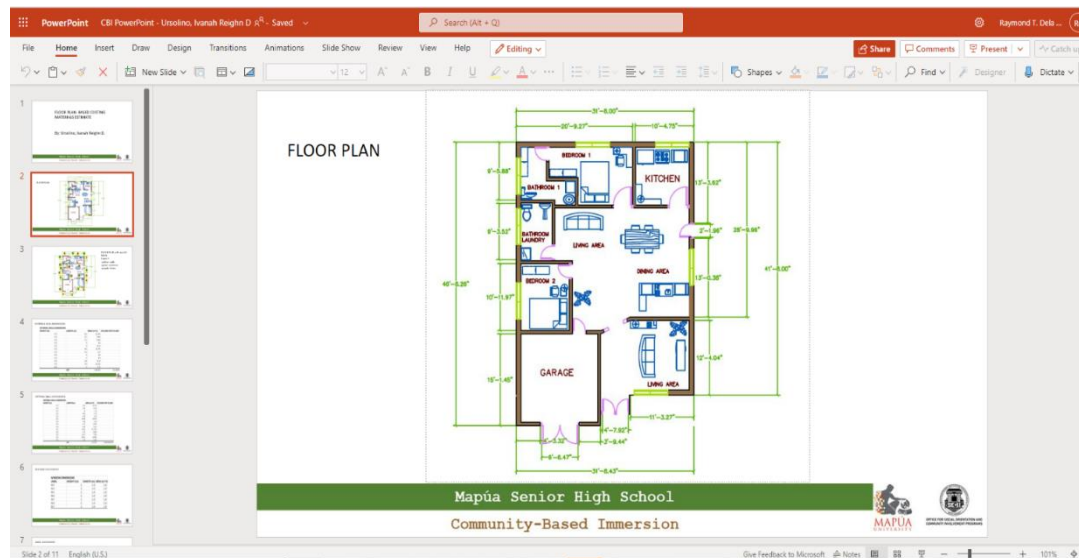
Inner Wall and Windows			
Label	Length M	Height M	Area MP2
W1	8	2.4	19.2
W2	7.5	2.4	18.0
W3	8.5	2.4	20.4
W4	9	2.4	21.6
W5	8.5	2.4	20.4
W6	8	2.4	19.2
W7	4.4	2.4	10.56
W8	1.5	2.4	3.6
TOTAL	47.9	19.2	97.32

Area of Concrete Hollow Blocks			
Label	Length M	Height M	Area MP2
CH1	40	40	1600
CH2	20	20	400
CH3	800	800	640000
CH4	8	8	64

Hollow Blocks			
Label	Length M	Height M	Area MP2
H1	40	40	1600
H2	20	20	400
H3	800	800	640000
H4	8	8	64

Material Quantity			
Label	Length M	Height M	Area MP2
M1	40	40	1600
M2	20	20	400
M3	800	800	640000
M4	8	8	64

Volume Filling Spac			
Label	Length M	Height M	Area MP2
V1	40	40	1600
V2	20	20	400
V3	800	800	640000
V4	8	8	64



School of Electrical, Electronics and Computer Engineering



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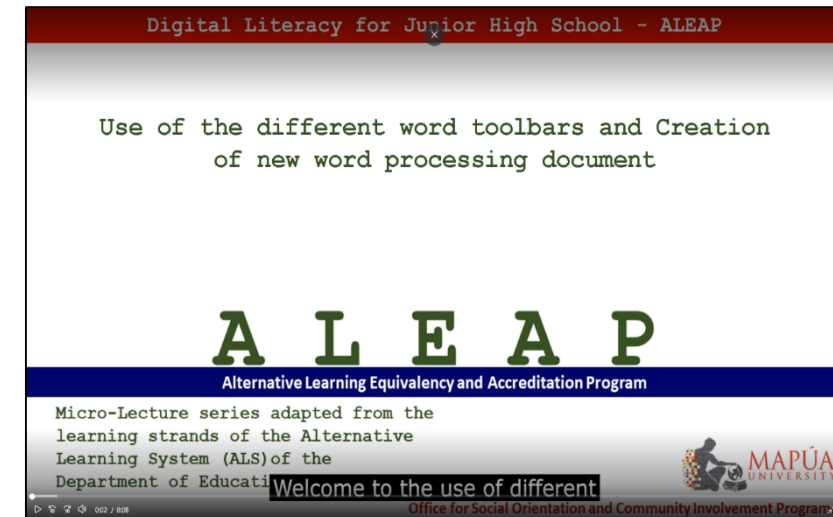
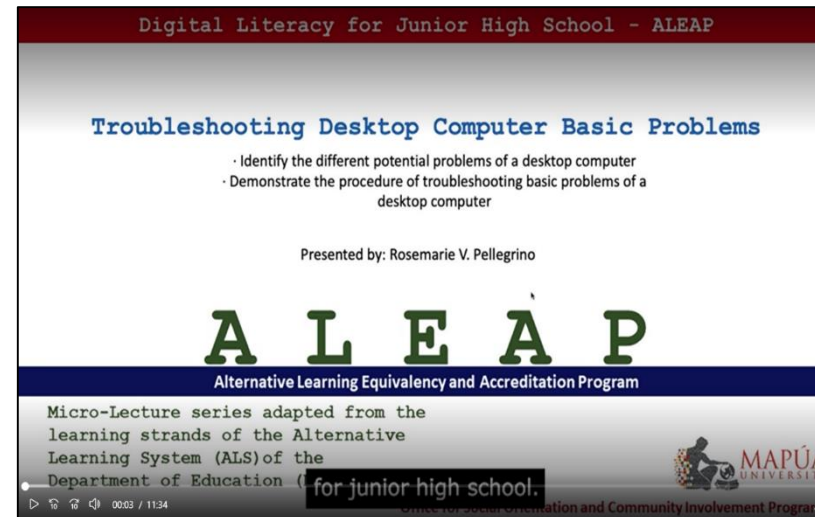
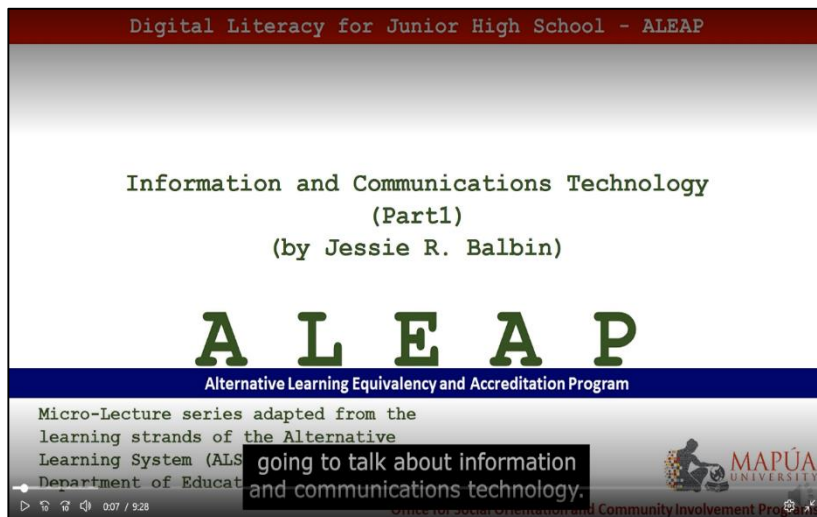
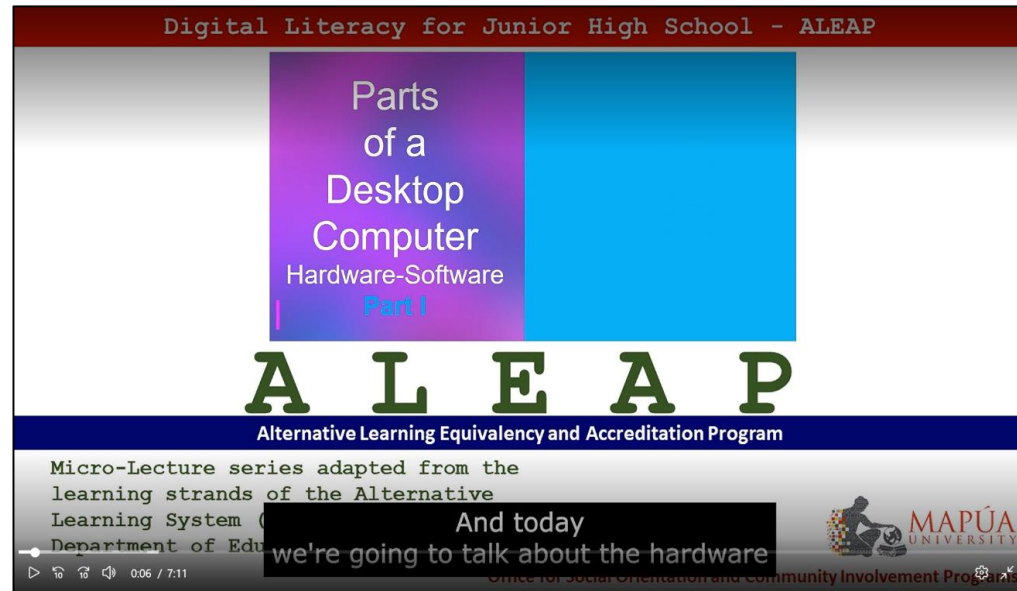
Office for Social Orientation and Community Involvement Programs



Creation of Micro-Lecture Videos (MLV) and Assessments for Alternative Learning Equivalency and Accreditation Program (ALEAP) Learning Strand 6: Digital Literacy

The School of Electrical, Electronics and Computer Engineering created micro-lecture videos for the Alternative Learning Equivalency and Accreditation Program of Mapúa University. The program aims to assist the learners in their modules for better understanding of the topics. The micro video lectures and worksheets or assessment tasks were adapted from the learning strands of the Alternative Learning System or ALS, through the Department of Education, DepEd.

The micro-lecture videos were stored in the Dunong Lingkod website of Mapua University and can be accessed freely by the learners. Assessment is also available to gauge the learner's knowledge on the lesson. <https://dunonglingkod.mapua.edu.ph/>



Office for Social Orientation and Community Involvement Programs



ORIENTATION

COMMUNITY-BASED IMMERSION

07 FEBRUARY 2022
9:00am-11:00am



<https://forms.office.com/r/V49pVPBQnW>
SCAN TO REGISTER or CLICK the LINK

Senior High School Community-Based Immersion Program (SDG16-1: Creation of Community Management Data App)

The School of Electrical, Electronics, and Computer Engineering (EECE) in coordination with the Senior High School Department participated in the community-based immersion program which aims to create a web-based project that is aimed to expose student trainees with the necessary skills to create Reactive Web Applications that will help the wider community to do their data management with the help of a user-friendly and responsive web applications.

The students' works were rated by their faculty mentors using the student performance evaluation instrument.

CBI Code	Work Assignment (WA)	Specific College Program Field	General College Program Field
SDG11-1	Floor Plan-Based Materials Costing Estimate	Civil Engineering; Construction Engineering and Management; Architecture; Built Environment	Engineering; Commerce
SDG1-1	Perfume 101: Oil Extraction and Business Plan	Chemistry; Chemical and Biological Engineering; Industrial Engineering;	Engineering; Commerce
SDG16-1	Creation of Community Data Management App	Computer Engineering; Computer Science; Information Technology; Information Systems	Engineering; Computer Programming
SDG9-1	User Interface Design for Sustainability	Computer Engineering; Computer Science; Information Technology; Information Systems	Engineering; Computer Programming
SDG9-2	Software Testing: User Acceptance Testing Activity	Computer Engineering; Computer Science; Information Technology; Information Systems	Engineering; Computer Programming

Community-Based Immersion



Community-Based Immersion

Work Assignment

Creation of Community Data Management App: Basic React Calculator App

Programs of Interest

Computer Engineering, Electronics Engineering

Hi and welcome to Basic React Calculator
App Work Assignment.

CLARENCE JELO E. PADON > CBI2022_Clarence Jelo E. Padon

Name	Modified	Modified By	File size	Sharing
Login Screen and Search Bar	March 25	CLARENCE JELO E. PADON	1 item	Shared
Simple React App Calculator	March 25	CLARENCE JELO E. PADON	1 item	Shared
Daily Report Feb_07_2022.docx	May 12	CLARENCE JELO E. PADON	217 KB	Shared
Daily Report Feb_08_2022.docx	May 12	CLARENCE JELO E. PADON	217 KB	Shared
Daily Report Feb_09_2022.docx	May 12	CLARENCE JELO E. PADON	217 KB	Shared
Daily Report Feb_10_2022.docx	May 12	CLARENCE JELO E. PADON	217 KB	Shared
Daily Report Feb_11_2022.docx	May 12	CLARENCE JELO E. PADON	217 KB	Shared
Daily Report Feb_14_2022.docx	May 12	CLARENCE JELO E. PADON	217 KB	Shared
Daily Report Feb_15_2022.docx	May 12	CLARENCE JELO E. PADON	217 KB	Shared
Daily Report Feb_16_2022.docx	May 12	CLARENCE JELO E. PADON	217 KB	Shared
Daily Report Feb_17_2022.docx	May 12	CLARENCE JELO E. PADON	217 KB	Shared

School of Industrial Engineering and Engineering Management



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Office for Social Orientation and Community Involvement Programs



Creation of Micro-Lecture Videos and Assessments for Alternative Learning Equivalency and Accreditation Program (ALEAP)

To help in the continuity of the Alternative Learning Equivalency and Accreditation Program in this time of pandemic, the faculty members of the School of Industrial Engineering and Engineering Management created micro-lecture videos on the different learning strands of the ALS program of DepEd.

Topics were Learning Strand 4: Are You Looking for a Job; Learning Strand 2: Fire Safety in the Home; and Learning Strand 5: Are You Ready to Get Married. The MLVs were stored in the online portal of Mapua University called “Dunong Lingkod” where learners can easily access the videos for free. To access visit: <https://dunonglingkod.mapua.edu.ph/>

Life and Career Skills for Junior High School - ALEAP

Learning Strand 4: Are You Looking for a Job?
"Lesson 1: What Can I Do and
What Should I Be?"

ALEAP

Alternative Learning Equivalency and Accreditation Program

Micro-Lecture series adapted from the
learning strands of the Alternative
Learning System (ALS) of the
Department of Education (DepEd)

In this video lecture we will be talking

Office for Social Orientation and Community Involvement Programs

Science for Junior High School - ALEAP

Fire Safety in the Home

Video player

ALEAP

Alternative Learning Equivalency and Accreditation Program

Micro-Lecture series adapted from the
learning strands of the Alternative
Learning System (ALS) of the
Department of Education (DepEd)

Is your home safe from potential fire hazards?

Office for Social Orientation and Community Involvement Programs

After studying this lesson, you should be able to:

- identify what your skills are
- identify your career options based on your skills
- identify the characteristics of good employees

the characteristics of good employees.

Learning the Self and Society for Junior High School - ALEAP

Learning Strand 5: Are You Ready to Get Married?

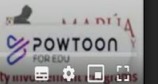
"Lesson 1: What is
Marriage"

ALEAP

Alternative Learning Equivalency and Accreditation Program

Micro-Lecture series adapted from the
learning strands of the Alternative
Learning System (ALS) of the
Department of Education (DepEd)

thought about marriage carefully before you said I do.



School of Information Technology



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Office for Social Orientation and Community Involvement Programs



Webinar on EdApp Learning Management System with Hands-on Activity Creation of Online Content for Silid-Aralan Inc. Educators/Volunteers and other K12 educators

On January 15, 2022, the School of Information Technology offered a free webinar which aimed to introduce a free learning management system called EdApp to aid in the delivery of online distance learning. The webinar attendees came from the different educational institutions which include Silid-Aralan, Inc. and non-government organizations.

The participants learned to familiarize with the web interface and mobile user interface as a content author and learner. Learners also learned to create courses, corresponding modules, and integrate links to external virtual classrooms/ meetings they are currently using like Zoom and Google Meet.



EdApp Learning Management System with Hands-on Activity Creation of Online Content

Module 2: Setting up a Course

2.1 Sign-up as developer

- Go to <https://www.edapp.com/> and click the SIGN UP FREE button on the upper right corner of the webpage. In the next page, choose the Develop option button, input your email address, password, first name, and last name. Click the Get started for FREE button.

Use EdApp for free, forever

- Individual licenses
- Team licenses (minimum 5 licenses)
- Academic licenses
- Full-time educational institutions



- Input your Company Name, Company Size, Industry, What best describes you?, and Region. You may look below for an example. Click Get started.

EdApp Learning Management System with Hands-on Activity Creation of Online Content

Module 3: Creating Lessons/ Content

3.1 Creating a new lesson (content)

- Go to Courseware > Courses to see all the courses you handle. Select the course that you want to create a lesson to. Then click on the Edit button.



- Click on Create lesson button.



- Type in the lesson name (e.g. Fractions) and description. Below it you can see a preview of the lesson. You can choose the icon on the upper right to check how it would look like on a smartphone, tablet, or computer.

Webinar on EdApp Learning Management System with Hands-on Activity Creation of Online Content

January 15, 2021
9:00am - 4:00pm

Training program on a free mobile learning-based learning management system for K12
educators in the Philippines.

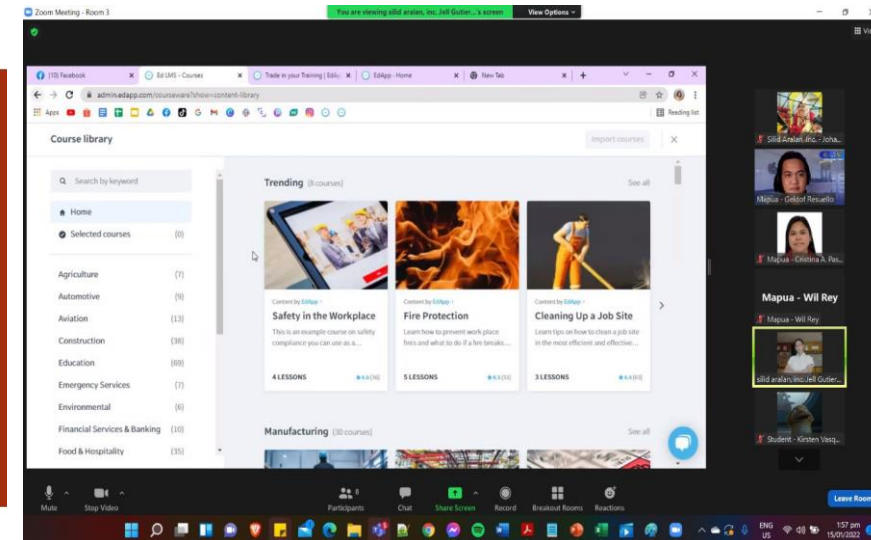
EdApp Learning Management System with Hands-on Activity Creation of Online Content

EdApp Learning Management System with Hands-on Activity Creation of Online Content

You may refer to the step-by-step guide provided in this manual as
guide in doing these activities.

Hands-on Activity

- Sign up for a developer account in <https://www.edapp.com/>.
- Create a new course Math by following the steps in Section 2.2
- Manually add 5 users. Use your last name followed by a number for the username (e.g. Chut1, Chut2, ... Chut5).
- Enable universal invite code and think of a unique code suitable for your class.
- Create a new lesson (content) by following the steps in Section 3.1
- Create a new lesson (activity) by following the steps in Section 3.2
- Set up leaderboard by following the steps in Section 3.3
- Schedule a virtual classroom by following the steps in Section 3.4



Community-Based Immersion

Work Assignment

User Acceptance Testing Activity

Programs of Interest

BS Computer Science
BS Entertainment & Multimedia Computing
BS Information Systems
BS Information Technology

Office for Social Orientation and Community Involvement Programs



Office for Social Orientation and Community Involvement Programs



Senior High School Community-Based Immersion Program (SDG9-2: Software Testing: User Acceptance Testing Activity)

The School of Information Technology in coordination with the Senior High School Department has exposed Mapua Senior High School students to experience doing community work related to their preferred undergraduate degree program while practicing United Nations Sustainable Development Goals. For SOIT, the chosen topic was The User Acceptance Testing Activity observed attainment of SDG9-2: Promote Inclusive and Sustainable Industrialization.

Microsoft Teams chat groups were created to facilitate communication and mentoring. Submitted outputs of students were evaluated at the end of the two-week immersion program. The students' works were rated by their faculty mentors using the student performance evaluation instrument.

Find a possible actual client as your case, gather requirements through interview and produce a Requirements Traceability Matrix (RTM) and write test cases based on RTM.

#	Test Suite 1
Title	Login Functionality Testing
Description	To put several scenarios to the test in logging in with valid, invalid credentials and with blank email address and password.

#	Summary	Dependency	Pre - Condition	Post - Condition	Test Data	Steps	Expected Result
TC01	Verify the website is launching properly		Stable connection	The user is in the website	URL	1. Type the correct and proper url 2. Press "Enter"	User will be directly into the Login page
TC02	Verify the Login functionality of the website with valid email address and valid password		Type in proper url	The user is logged in	Email: test@gmail.com Password: passcode1	1. Enter the email address 2. Enter the password 3. Press the Login button	Login button is enabled and the home page is displayed
TC03	Verify the Login functionality of the website with valid email address but incorrect password		Type in proper url	The user is not logged in	Email: test@gmail.com Password: wrong_password	1. Enter the email address 2. Enter the password 3. Press the Login button	Error Message: "Incorrect email and/or password."
TC04	Verify the Login functionality of the website with invalid email but with valid password		Type in proper url	The user is not logged in	Email: xxxxxxx@gmail.com Password: passcode1	1. Enter the email address 2. Enter the password 3. Press the Login button	Error Message: "Incorrect email and/or password."

Community-Based Immersion



School of Mechanical and Manufacturing Engineering



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W E B I N A R

Sponsored by: School of Mechanical and Manufacturing Engineering

FREE REGISTRATION



<https://forms.office.com/r/bjeDfpRd7T>

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Car Airconditioning Basic Concepts, Maintenance and Business Start-up Webinar

09 APRIL 2022
9:00AM – 12:00PM

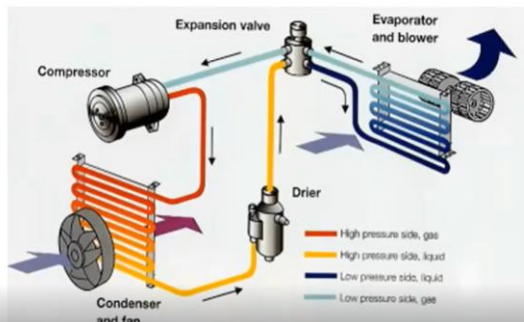
Office for Social Orientation and Community Involvement Programs



Car Airconditioning Basic Concepts, Maintenance and Business Start-Up

The Faculty of the School of Mechanical Engineering a free webinar about Car Airconditioning basic concepts, maintenance and business start-up via Zoom Meeting last April 09, 2022. More than one hundred (100) participants from Mapua's adopted communities in Pandacan, Manila attended the webinar. The activity aimed to transmit knowledge and information about basic car airconditioning technical knowhows, car aircon servicing safety and discussion of about aircon cleaning and refrigerant charging. The technical requirements for a career in airconditioning maintenance was also included in the discussion.

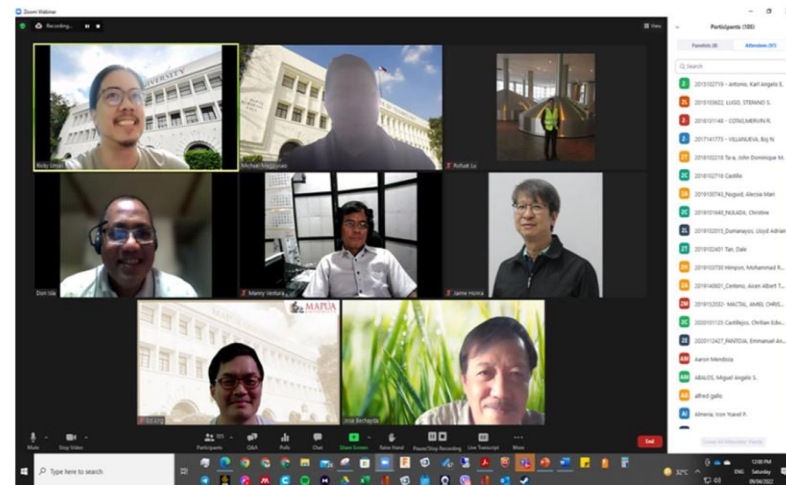
Car Air-con



Ano ang peligro sa pag linis at
aayos ng aircon unit?

Makakapinsala ang
refrigerants pag nakalabas ng
atin kapaligiran.

***343 kinds of refrigerants as of 2020.



Car Airconditioning Basic Concepts, Maintenance and Business Start-up Webinar

10 DECEMBER 2022
10:00AM – 12:00NN

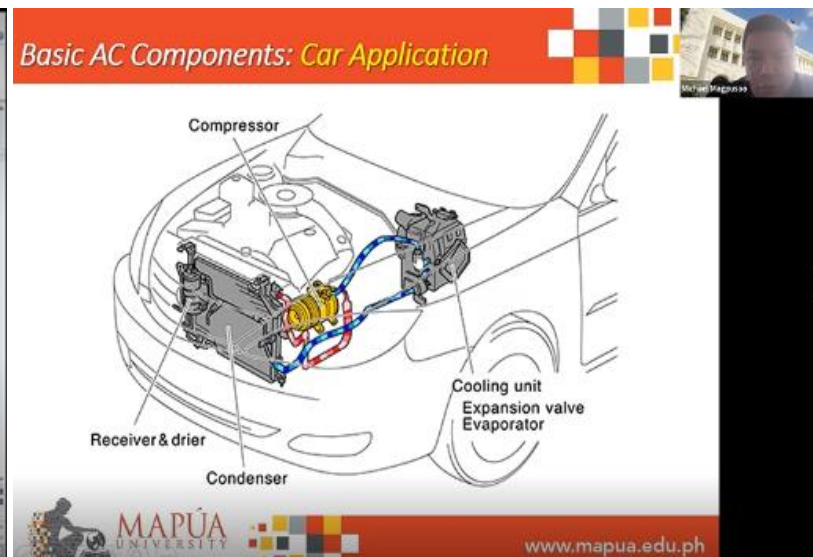
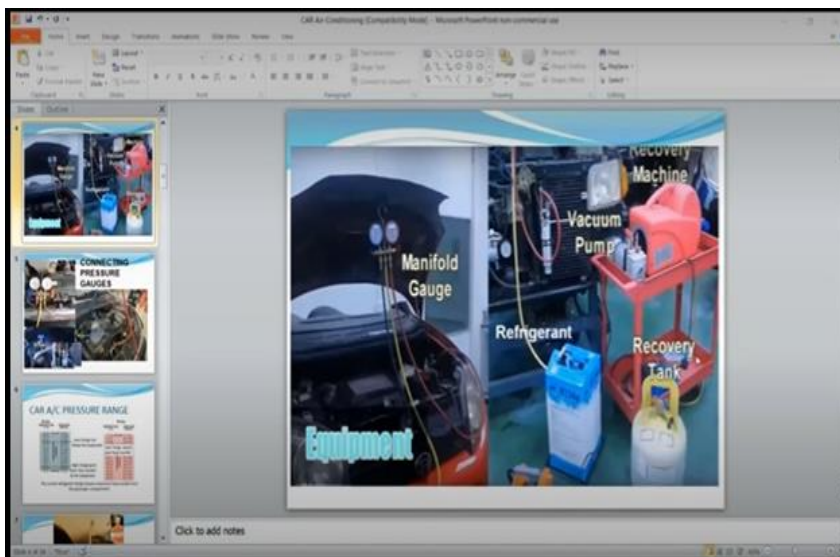
FREE REGISTRATION



<https://forms.office.com/r/K41EB1XNk8>
SCAN TO REGISTER or CLICK the LINK

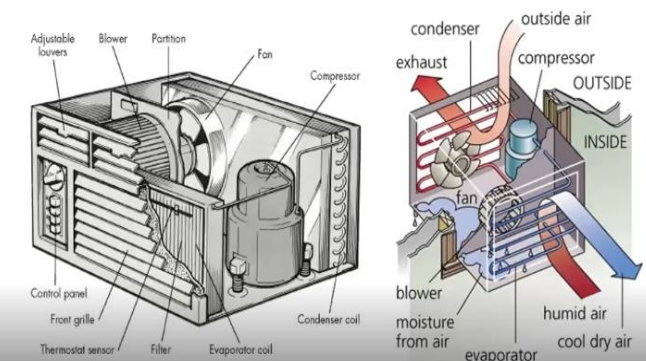
Car Airconditioning Basic Concepts, Maintenance and Business Start-Up Webinar

The Faculty of the School of Mechanical Engineering once again offered a free webinar about Car Airconditioning basic concepts, maintenance and business start-up via Zoom Meeting last December 10, 2022. Around 80 participants from Mapua's adopted communities and in the different areas of the Philippines attended the webinar. The activity aimed to share knowledge and expertise on basic car airconditioning system. The technical requirements for a career in airconditioning maintenance was also included in the discussion.



Window Type

Is the most commonly used air conditioner for single rooms.



<https://home.howstuffworks.com/home-improvement/heating-and-cooling/how-to-repair-room-air-conditioners.htm>

School of Media Studies



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Creation of Micro-Lecture Videos (MLV) and Assessments for Alternative Learning Equivalency and Accreditation Program (ALEAP)

The School of Media Studies created Micro-Lecture Videos (MLVs) and Assessments for Learning Strand #4: Worker's Rights and Learning Strand #16: (Worker's Wages and Benefits) as indicated in the module by the Department of Education (DepEd). The MLVs also have corresponding assessments to test the learner's knowledge after each MLV.

The MLVs can be viewed in the online portal of Mapua University called "Dunong Lingkod" where learners can easily access the videos for free. To access visit: <https://dunonglingkod.mapua.edu.ph/>

Worker's Rights

By: John Xavier S. Chavez, MFM

Activate Windows
Go to Settings to activate Windows.

The Universal Declaration of Human Rights

Article 23

Everyone has the right to work, to free choice of employment, to just and favorable conditions of work and to protection against unemployment.

1. Everyone, without any discrimination, has the right to equal pay for equal work.
2. Everyone who works has the right to just and favorable remuneration ensuring for himself and his family and existence worthy of human dignity, and supplemented, if necessary, by other means of social protection.



UNITED NATIONS

RETIREMENT PAY

Employees shall be retired upon reaching the age of sixty (60) years or more but not beyond sixty-five (65) years old (and have served the establishment for at least five (5) years).

This benefit applies to all employees except:

1. Government employees;
2. Employees of retail, service and agricultural establishments/ operations regularly employing not more than ten (10) employees.
3. Retirement Age for Underground Mine Employees under Republic Act 8558 which in the absence of a retirement plan states that they can retire when they have reached 50 or 60 years old provided they have been employed for at least 5 years as a mine employee

E.T. Yuchengco School of Business and Management



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**OFFICE FOR SOCIAL ORIENTATION AND
COMMUNITY INVOLVEMENT PROGRAMS**



A Livelihood And Cooperative Building in the Community of Kabalat in the Mountain Area Of Ipo Dam, Norzagaray, Bulacan

With the aim of helping the indigenous people in the mountainous area of Ipo Dam in Norzagaray, Bulacan, the ETY School of Business Management will conduct a Livelihood and Cooperative program to help the community increase their income by finding the right purchaser of their products.

The ETYSBM will also forge a partnership with Ipo Dam Elem. School where the Kabalat community children are studying to create programs intended for the community.

During the initial visit of ETYSBM to Kabalat community, the group discussed several topics such as environmental and social activities, teachers enhancement programs, and product marketing



School of Social Sciences and Education



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Office for Social Orientation and Community Involvement Programs



Voters' Education

w e b i n a r

23 APR 2022

virtual mode



Sponsored by:

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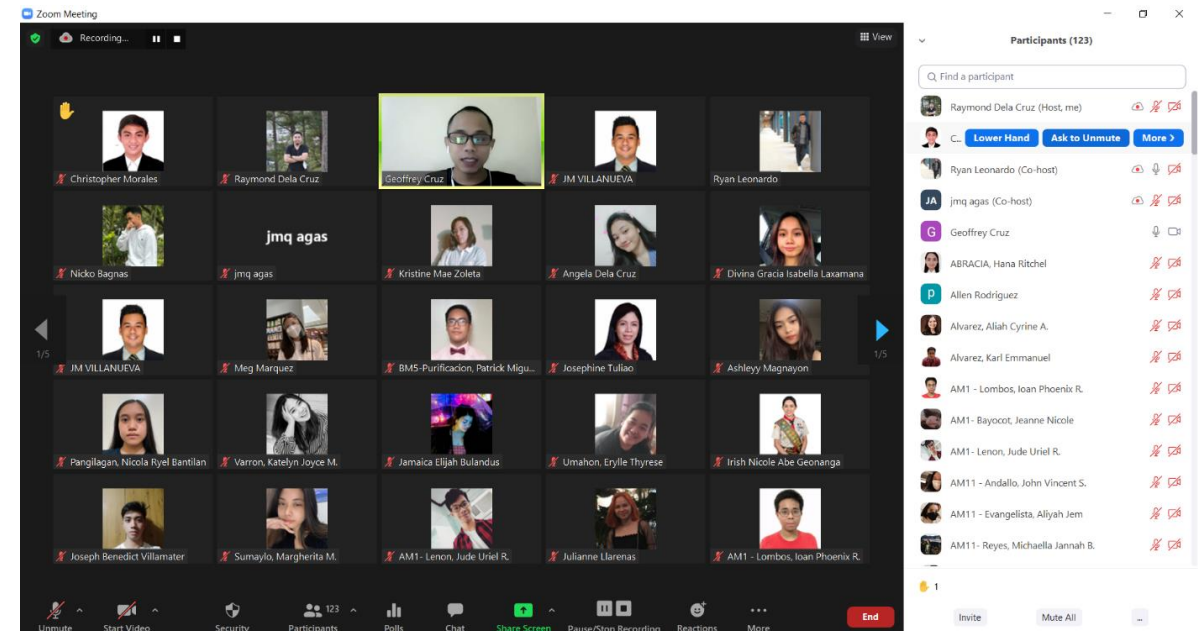
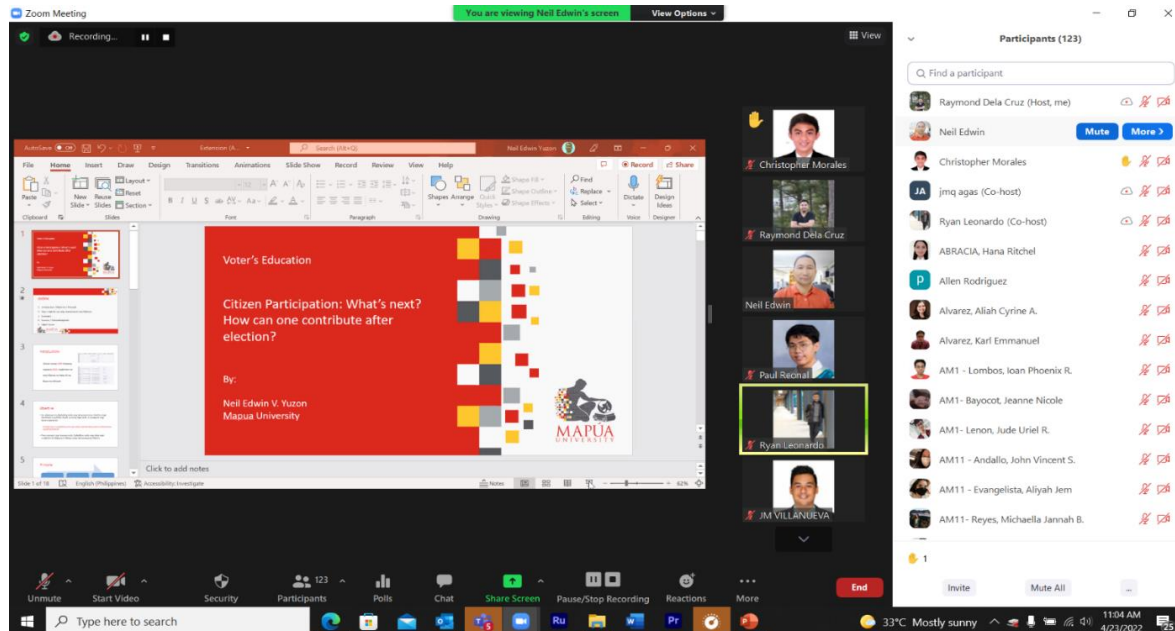
OFFICE FOR SOCIAL ORIENTATION AND
COMMUNITY INVOLVEMENT PROGRAMS

Eleksyon 2022: Webinar on Voter Education

The free webinar offered by the School of Social Sciences and Education was held on April 23, 2022 via Zoom Meeting. The webinar aimed to promote civic education and the basic rights and privileges of a voter.

The speakers of the Webinar discussed the constitutional basis of the right of suffrage of every Filipino citizen. It focused on the registration requirements and the process of registration and some of the indispensable qualities of a true public servants. The talk also focused on the things that needed to be observed during the process. This talk prepared the audience to exercise their rights and duties as voters.

The participants actively and interactively involved themselves in the discussion.



Office for Social Orientation and Community Involvement Programs

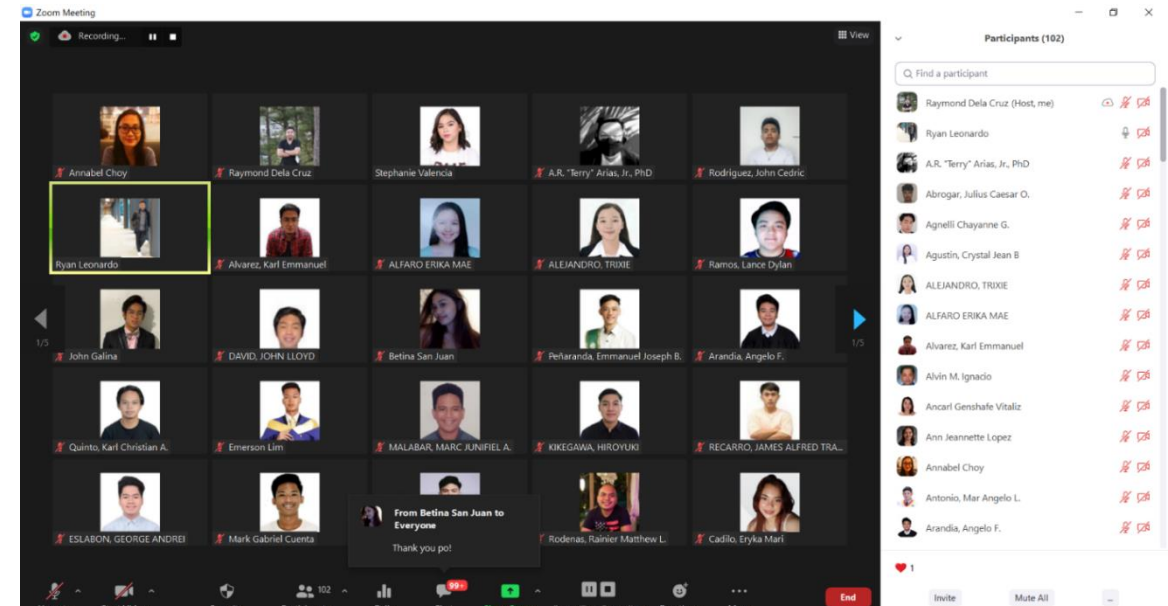


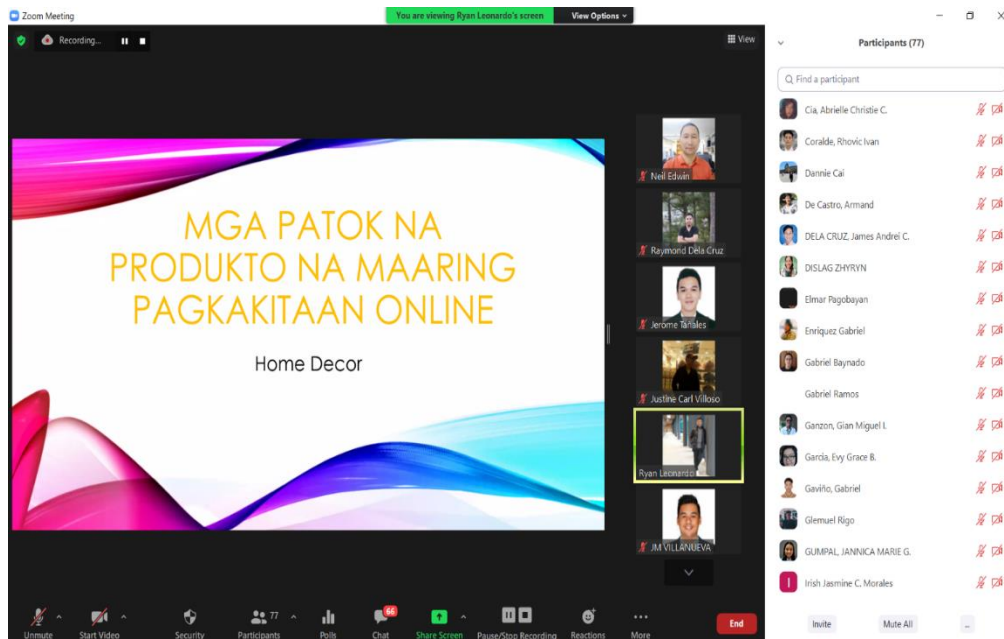
Webinar on Good Health and Well-being during Pandemic

The free webinar offered by the School of Social Sciences and Education was held on April 23, 2022 via Zoom Meeting. The webinar was intended to equip the participants with knowledge and skills on how to cope-up with stressors brought about by the pandemic.

Discussion on stress management was able to help participants to learn effective ways to cope with the daily stressors. The topic on Nature's Healing Touch have provided the participants an overview on how nature impacts one's mental health and well-being. And lastly, the topic on Pursuit of Happiness have also provided the participants the important role of positive emotion and engagement and the keys to well-being.

The participants actively and interactively involved themselves in the discussion on the topics on stress management, positive emotions and a positive psychological approach.





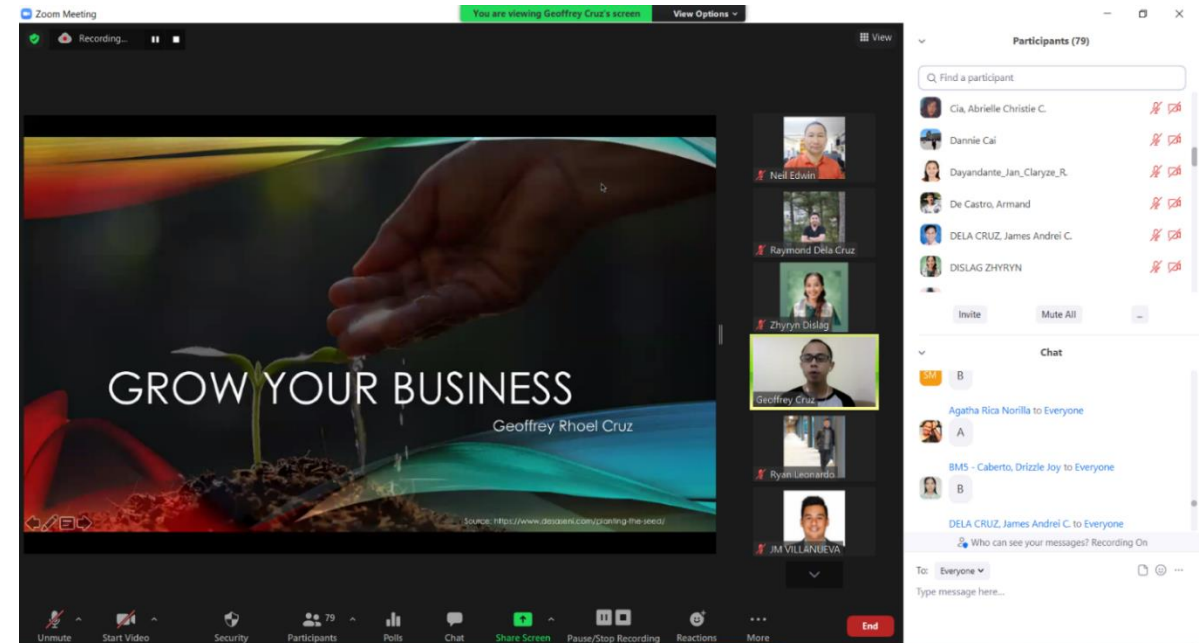
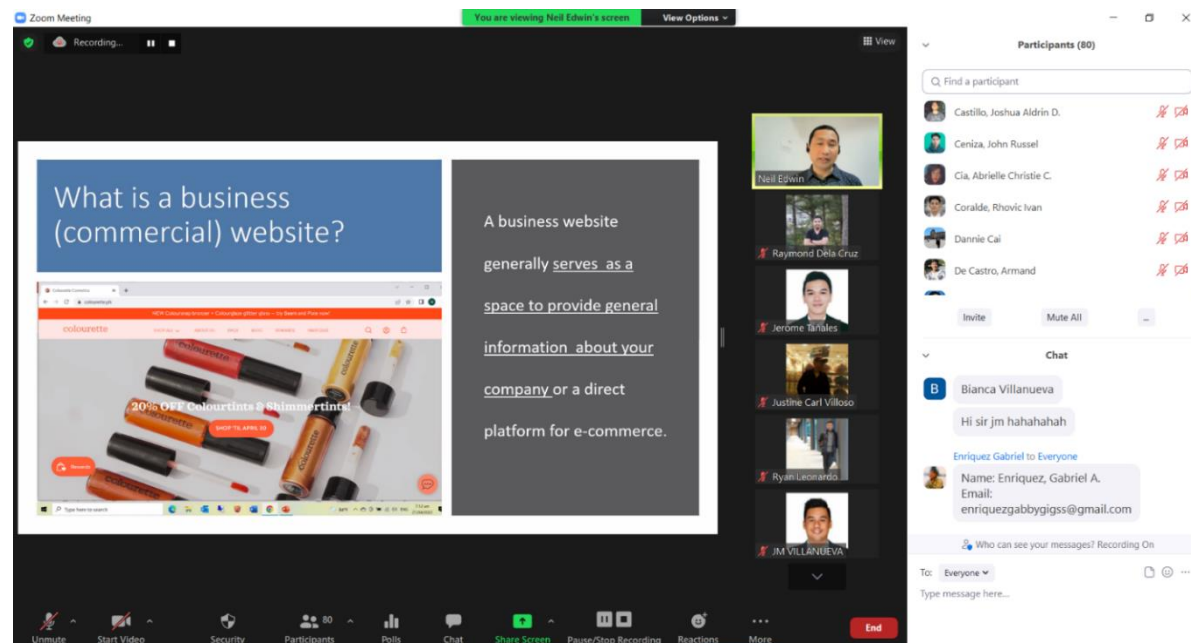
Office for Social Orientation and Community Involvement Programs



Webinar on How to Start an Online Business (Livelihood Program)

The free webinar offered by the School of Social Sciences and Education was held on April 27, 2022 via Zoom Meeting. The webinar aimed to achieve the following objectives: 1] To help displaced workers to have alternative source of income on things that they can sell and the considerations that they need to identify before putting an online business; and 2) To teach the participants to use digital marketing to maximize available platforms that can be utilized for online selling.

The participants enjoyed and actively participated in the discussion of the topics and requested for a follow-up seminar on business.





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Webinar on Quality Education

Sponsored by:
School of Social Sciences and Education



Topic 1: Ensuring Quality Engagement in the Classroom - This interactive webinar will provide a basic

understanding on the nature of student engagement in the classroom, using the framework of self-determination theory, where student engagement is anchored on fulfillment of psychological needs: autonomy, relatedness, and competence. This webinar will be contextualized in online learning / virtual education.

Topic 2: Academic Persistence in the New Normal - This interactive webinar explains motivational trajectories of learning of students in challenging academic programs. The webinar will be valuable for students who are having a hard time in accomplishing the academic tasks and meeting school standards, especially in online learning.

Topic 3: Teaching Laboratory Classes in the New Normal - This interactive webinar offers best practices in teaching sciences and laboratory courses, which will empower educators and students who are taking these courses, especially in the online context.

Note: Special tokens awaits winners of webinar quiz break.



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Webinar on Quality Education

The free webinar offered by the School of Social Sciences and Education was held on April 30, 2022 via Zoom Meeting. The webinar aimed to participants with knowledge and skills to ensure quality education for the children.

The speakers of the webinar focused on topics on how the parents can support their children in their online lessons to ensure that they understand each topic being discussed by their teacher. Also, students were given some pointers on how to cope-up with the “new normal” style of teaching.

The participants were very active and participative during the webinar.

DepEd Guidelines

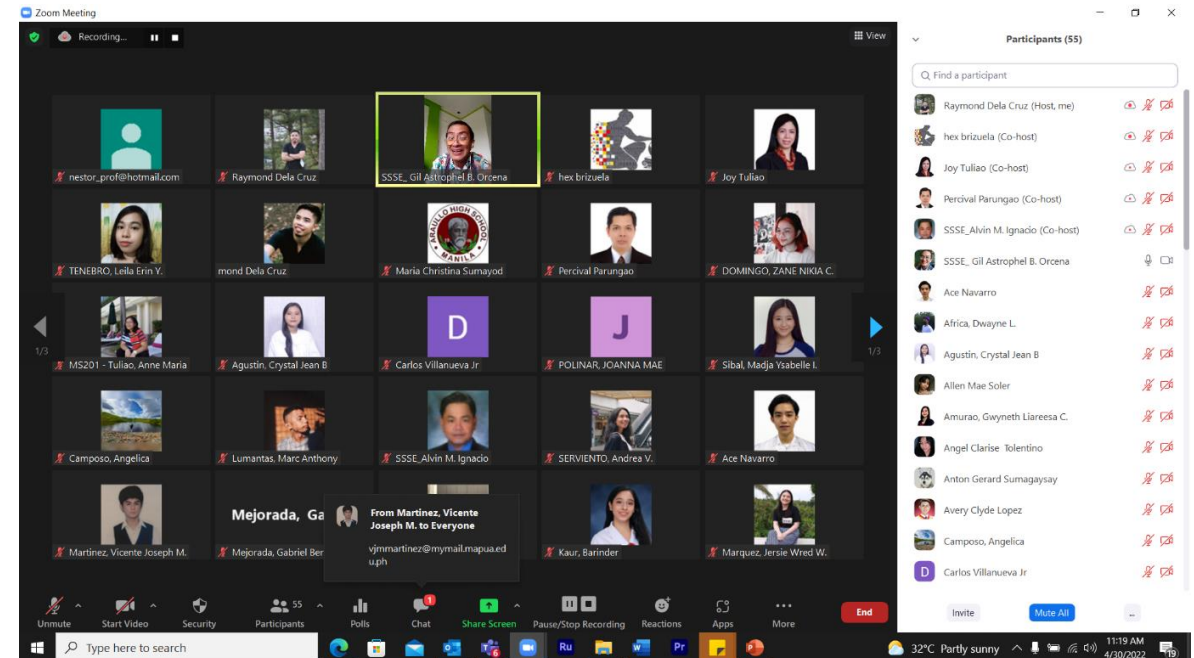
Adopted from the following:

- ☐ UNICEF – UNESCO – WB
Framework for Reopening
Schools
- ☐ DepEd Shared Responsibility
Principle (LGU and other
agencies of the government)



www.mapua.edu.ph

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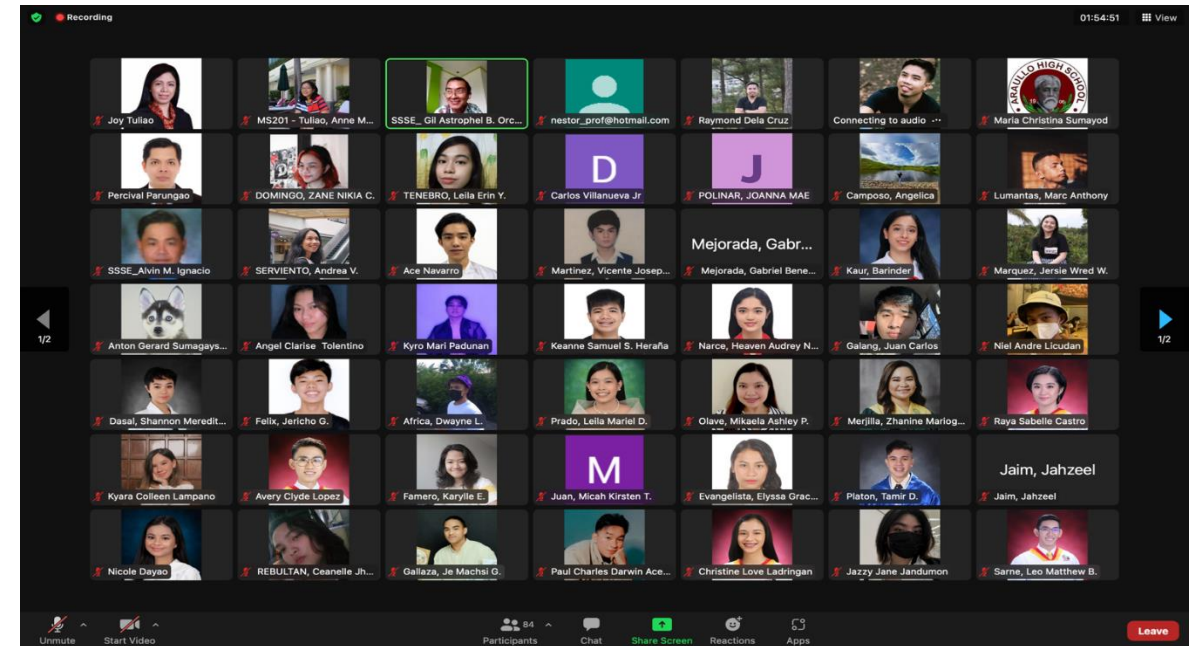
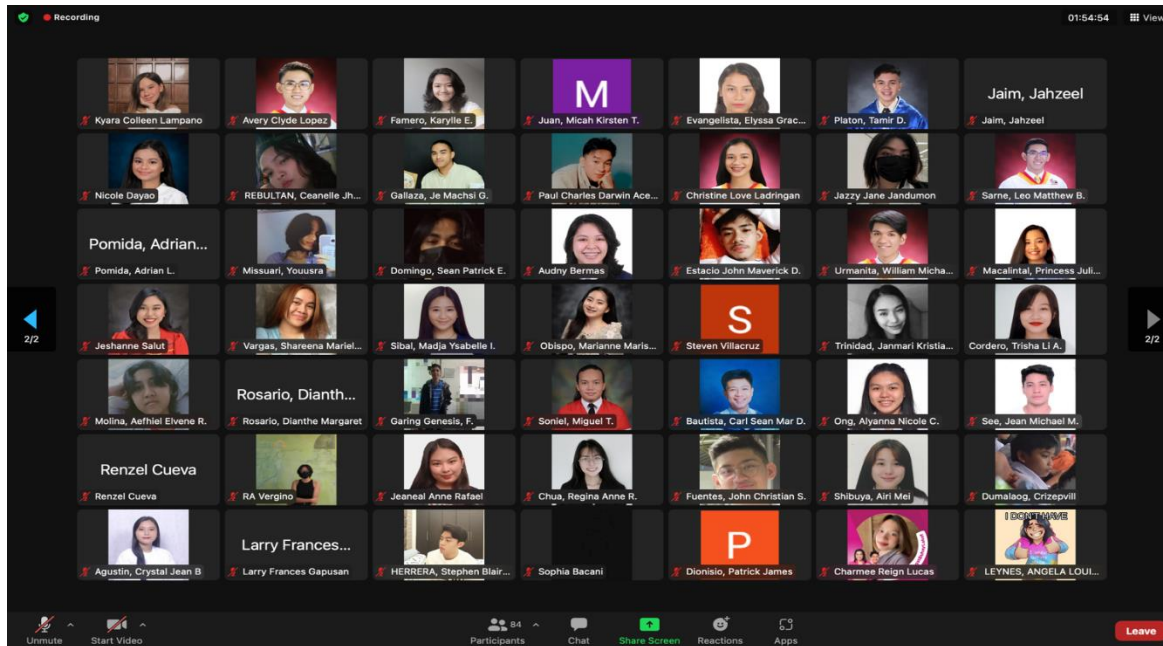
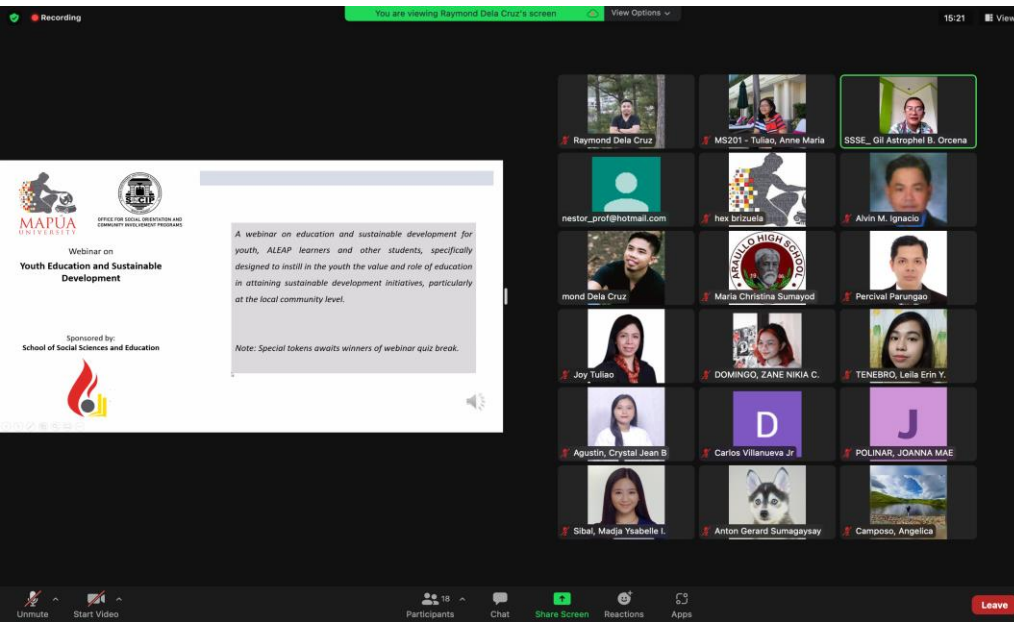
Office for Social Orientation and Community Involvement Programs



Webinar on Youth Education and Sustainable Development

The free webinar offered by the School of Social Sciences and Education was held on April 30, 2022 via Zoom Meeting. The webinar's purpose was to teach the participants their roles and responsibilities towards youth education and sustainable development.

Youth education is paramount in sustainable development without which the latter may be half-baked, if not unsustainable. The need to hone the youth's competencies and potentials entail massive support particularly from the academe, political institutions, and even at the local community levels.



Department of Mathematics

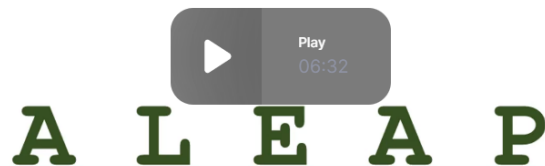


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Area (Planar Figures-Square)



Alternative Learning Equivalency and Accreditation Program

Micro-Lecture series adapted from the learning strands of the Alternative Learning System (ALS) of the Department of Education (DepEd)



Office for Social Orientation and Community Involvement Programs

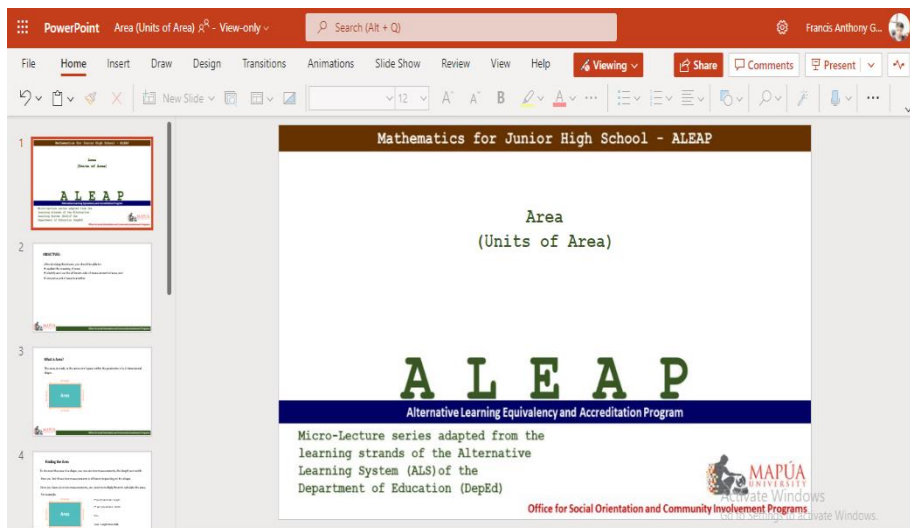
Office for Social Orientation and Community Involvement Programs



Creation of Micro-Lecture Videos and Assessments for Alternative Learning Equivalency and Accreditation Program (ALEAP) Learning Strand 3: Mathematical and Problem Solving Skills

The pandemic situation has brought a great challenge on the delivery of education which caused schools and universities to look for alternate ways to continue with the learning program.

To help in the continuity of the Alternative Learning Equivalency and Accreditation Program which caters the Alternative Learning System (ALS) of the DepEd, the faculty members from the Department of Mathematics created micro-lecture videos and assessments on Learning Strand 3: Mathematical and Problem Solving Skills. The MLVs were stored in the Dunong Lingkod website of Mapua University where learners can freely access the site. Assessments are also provided at the end of each MLV to check the student's learning. <https://dunonglingkod.mapua.edu.ph/>



AREA (PLANAR FIGURES – TRIANGLE)

1. The base and height of a triangle are 4 cm and 6 cm, respectively. What is its area in cm^2 ?

- a. 12 b. 24 c. 36 d. 48

2. The area of a triangle is 48 in^2 . If its base is 6 in, find its height.

- a. 4 in b. 8 in c. 16 in d. 24 in

3. Determine the base of a triangle if its height is 8 m and its area is 64 m^2 .

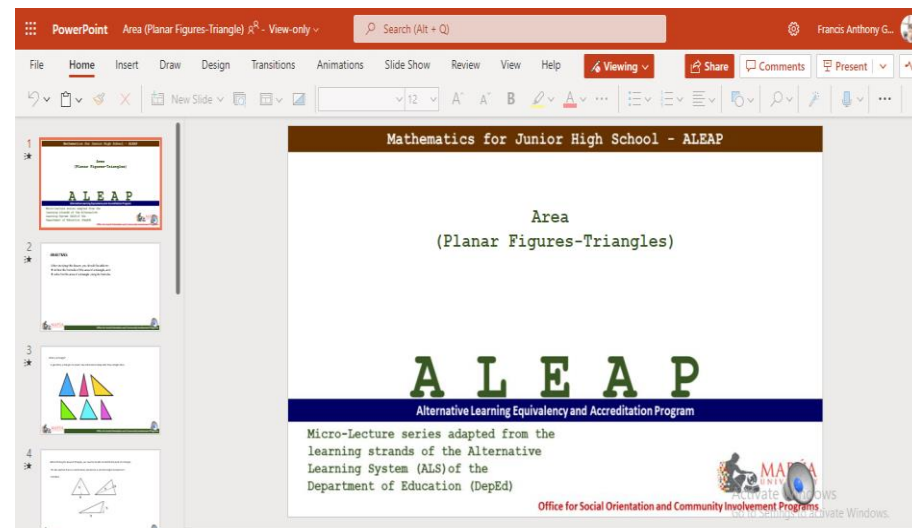
- a. 8 m b. 16 m c. 32 m d. 48 m

4. A triangular lot, in the form of a right triangle, has an area of 256 m^2 . Find its base if its height is 32 m.

- a. 16 m b. 32 m c. 48 m d. 64 m

5. A triangular piece of paper has a base of 10 m and an altitude of 20 m. Find its area.

- a. 50 m^2 b. 100 m^2 c. 150 m^2 d. 200 m^2



Department of PE and Athletics



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Street Crisis Management: Knife and Gun Disarming

On January 15, 2022, the Department of PE and Athletics conducted a self-defense workshop for the Security personnel of Mapúa University. The activity aimed to teach the participants the importance of learning basic self-defense and the techniques on knife and gun disarming.

The combination of lecture and demonstration enabled the participants to quickly learn the techniques. This seminar is in support to the promotion of peace, justice and strong institutions of the United Nations Sustainable Development Goals.



Street Crisis Management: Pinning and Takedown Control

On February 5, 2022, the Department of PE and Athletics conducted a self-defense workshop for the Security personnel of Mapua University. This was a follow-up activity which aimed to teach the participants another self-defense technique which is pinning and takedown control.

The activity was well participated by the participants. With the combination of lecture and demonstration, the self-defense techniques were easily learned by the participants. This is a continuous effort in support to Peace, Justice and Strong Institutions goal of the United Nations Sustainable Development Goals.



Street Crisis Management: Arm Lock and Choke Techniques

On February 12, 2022, the Department of PE and Athletics conducted a self-defense workshop for the Security personnel of Mapúa University. The activity aimed to teach the participants another self-defense technique which is arm lock and choke techniques.

The activity was well participated by the participants. With the combination of lecture and demonstration, the self-defense techniques were easily learned by the participants.



Street Crisis Management: Basic Self-Defense (Defensive Tactics 4)

On October 16, 2022, the Department of PE and Athletics conducted a self-defense workshop for the Security personnel of Mapua University and EEI. This activity aimed to enhance the participants' knowledge on the self-defense trainings that they previously attended.

The activity was actively participated by the participants. The combination of lecture and demonstration were easily learned by the participants. This is a continuous effort in support to Peace, Justice and Strong Institutions goal of the United Nations Sustainable Development Goals.



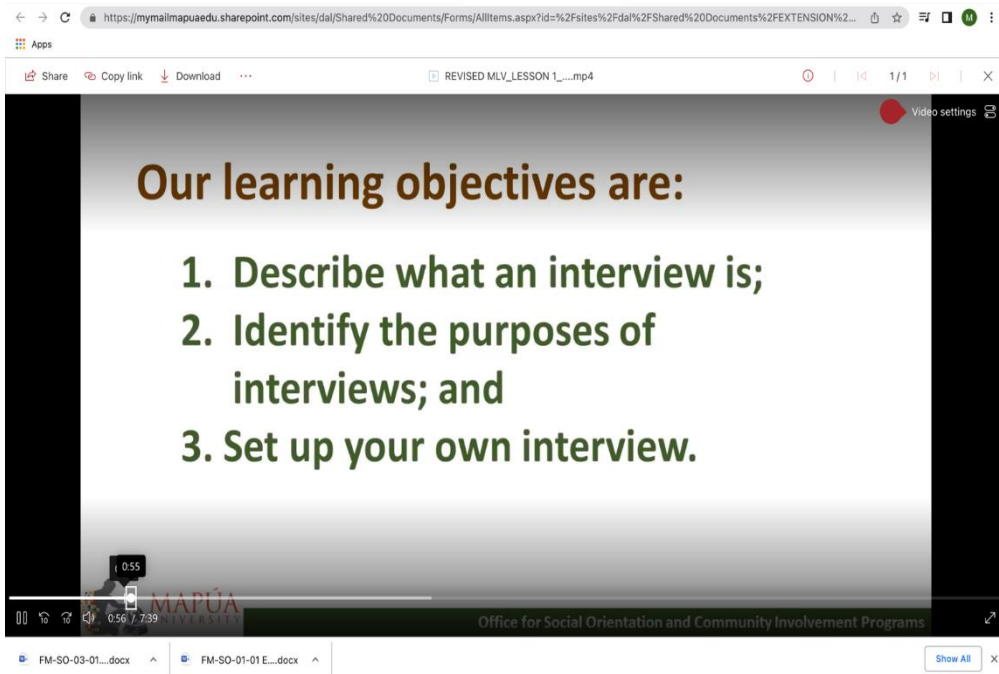
Department of Arts and Letters



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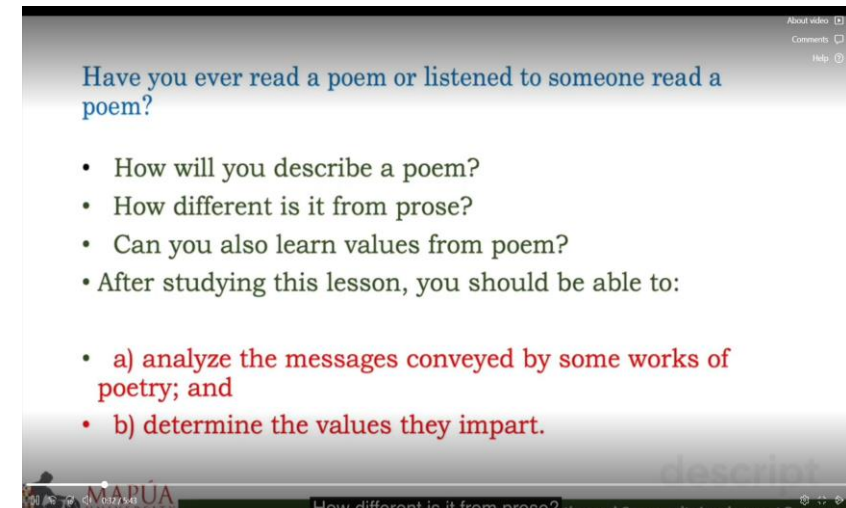
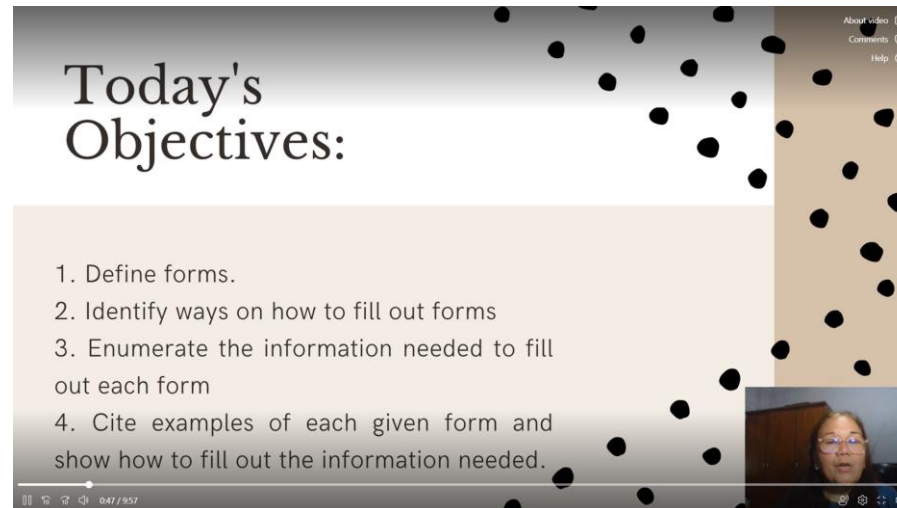
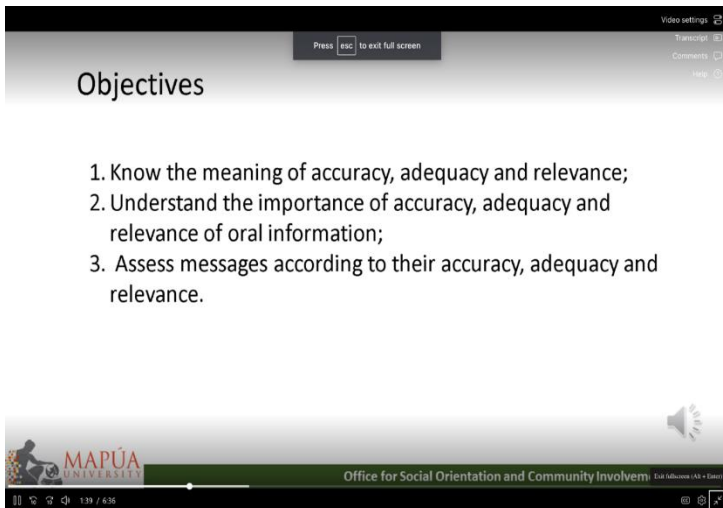
Office for Social Orientation and Community Involvement Programs



Creation of Micro-Lecture Videos (MLV) and Assessments for Alternative Learning Equivalency and Accreditation Program (ALEAP)

The faculty members of the Department of Arts and Letters (DAL) focused on completing Micro-Lecture Videos (MLVs) and Assessments for Learning Strand #1: Communication Skills (English and Filipino) and Learning Strand #5: Understanding the Self and Society as prescribed by the Department of Education (DepEd). Each of the volunteer teachers signed up in creating at least 2 MLVs with the corresponding assessments for deployment in the Dunong Lingkod portal of Mapua University.

The MLVs can be viewed in the online portal of Mapua University called “Dunong Lingkod” where learners can easily access the videos for free. To access visit: <https://dunonglingkod.mapua.edu.ph/>



Senior High School Department



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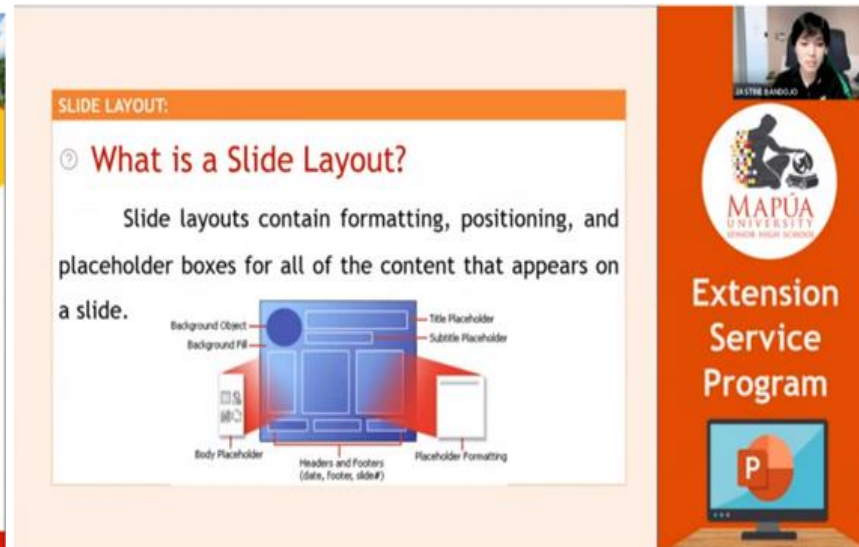


OFFICE FOR SOCIAL ORIENTATION AND
COMMUNITY INVOLVEMENT PROGRAMS

Webinar on Advanced Technique Using A Productivity Tool: Creation Of Cover Report Template, Poster, And Other Templates Using Microsoft Powerpoint

The Mapua Senior High School Department offered a free webinar last May 14, 2022 via Zoom Meeting. The activity aimed to teach the participants on how to use productively the Microsoft PowerPoint.

The webinar focused on advanced techniques using a productivity tool, the session was indeed insightful and informative to the participants. The event achieved and exceeded its goals in sharing additional knowledge on how to utilize applications that will be helpful in creating learning materials that will benefit learners.



Institutional Activities



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OFFICE FOR SOCIAL ORIENTATION AND
COMMUNITY INVOLVEMENT PROGRAMS

Vegetable Seeds Distribution: Urban Gardening

Practicing cultivation in urban areas is one effort that Mapua University is promoting in the community. Seeds like Okra, string beans (sitaw), tomato, eggplant, and pechay were distributed to the different barangays in Pandacan, Manila for their urban gardens.

This way, Mapua University not only helps the community reduce food insecurity but also teach them to grow safe food at the comfort of their own homes.



**Installation of Solar Lamps at St. Mary's the Virgin Compound, Sagada,
Mountain Province**

The Office for Social Orientation and Community Involvement Programs of Mapua University in cooperation with Water Dragon Inc. donated and installed 90 units of Solar Powered Lamps in SMV Compound, Sagada, Mt. Province last February 22-25, 2022 as part of its initiative to promote affordable and clean energy.

The SMSSI and St. Mary the Virgin Church' technical teams together with volunteers from the different communities assembled and installed the lamp posts in strategic areas in their vicinity to ensure well-lighted surroundings during night time.



Sagada Outreach: Installation of Solar Lamps at Brgy. Taccong

The Office for Social Orientation and Community Involvement Programs of Mapua University in cooperation with Water Dragon Inc. donated and installed 72 units of Solar Powered Lamps in Barangay Taccong, Sagada, Mt. Province last March 18-21, 2022 as part of its initiative to promote affordable and clean energy.

The solar powered lamps were installed along the village where proper lighting is needed. Community leaders expressed their heartfelt gratitude for the donations. Also, the project has addressed public safety concerns, especially at night.



Office for Social Orientation and Community Involvement Programs

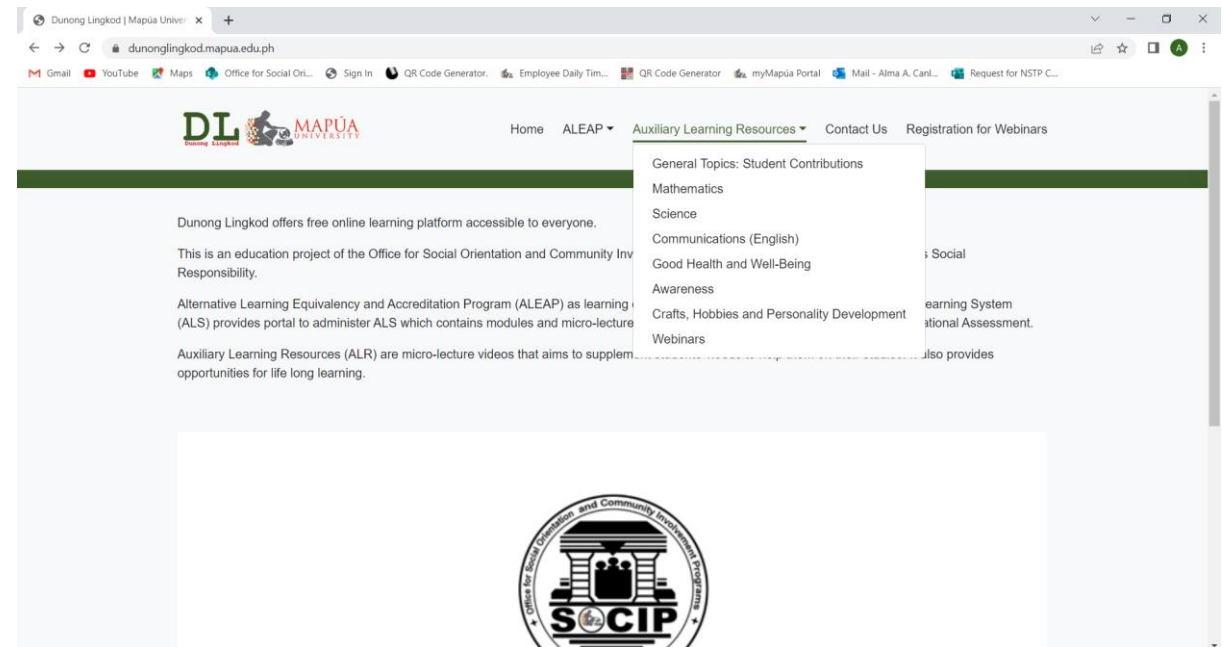
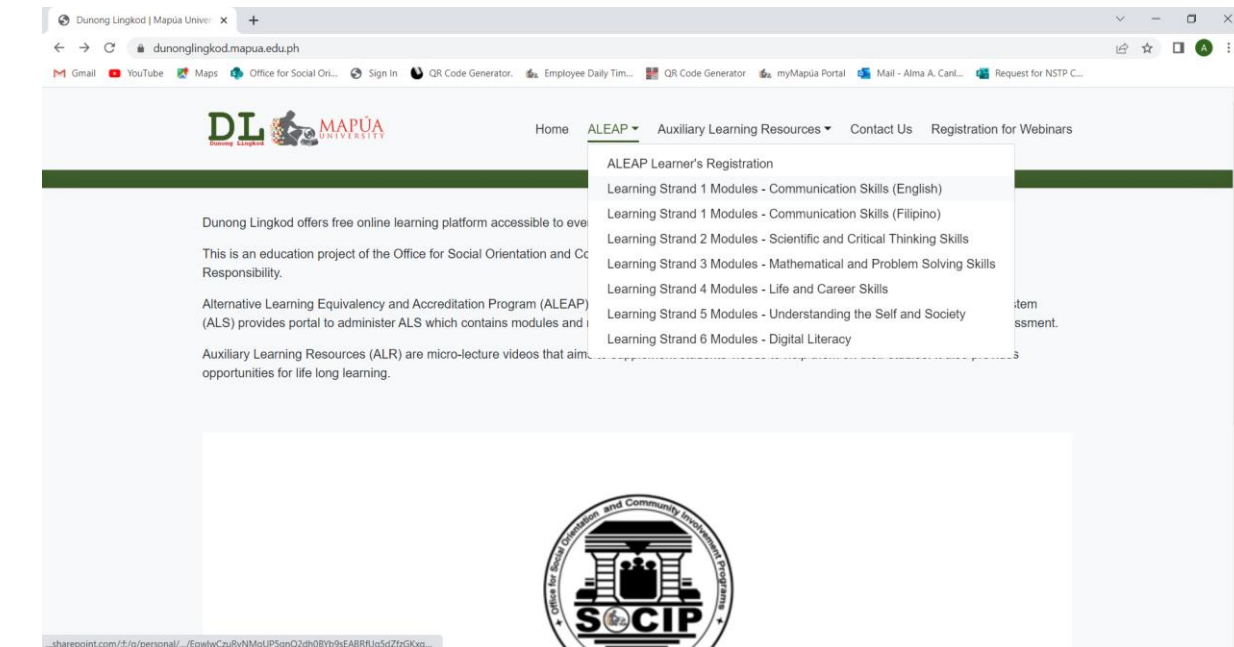


Dunong Lingkod Website (Education Portal)

Mapua University created an online learning platform to store modules and micro-lecture videos which can be accessed by everyone to supplement the needs of students in their studies.

The link: <https://dunonglingkod.mapua.edu.ph/> will direct a person to several on-hand learning resources on different subjects which are made the faculty members and students of Mapua University.

The website also caters to the learners of the Alternative Learning Equivalency and Accreditation Program (ALEAP) which is the learning center the Department of Education's Alternative Learning System (ALS).



Conference Objective

Align 2023 Community Development Activities with United Nations Sustainable Development Goals (UNSDGs).



15th Mapua Community Conference 2022 [ComCon2022]:

Amidst Challenges, United than Ever! 25NOVEMBER2022 VIRTUAL MODE



Office for Social Orientation and Community Involvement Programs



Community Conference 2022: Amidst Challenges, United than Ever!

The fifteenth (15th) Community Conference with the theme, “Amidst Challenges, United than ever! Contributing to the Attainment of the United Nations Sustainable Development Goals” was held last 25 November 2022 via Zoom Meeting. This is the third online community conference since the pandemic started.

The Community Conference is an annual gathering of the communities’ representatives to discuss the succeeding year’s community development activities. Its aim was to showcase the achievements of the partnership between the University and the partner communities and to lay out the future endeavors. In addition, the community conference aimed to align the community development activities to the United Nations Sustainable Development Goals (UN SDGs).

Summary of Community-Proposed-Projects to be Implemented on 2023

SDG #1 – No Poverty

➤ Proposed Projects

- Livelihood Program

Updates:
On-going processing of requests..



15th Mapua Community Conference 2022 [ComCon2022]:

Amidst Challenges, United than Ever! 25NOVEMBER2022 VIRTUAL MODE



Pledge of Commitment 2022

**7 AFFORDABLE AND
CLEAN ENERGY**



15th Mapua Community Conference 2022 [ComCon2022]:

Amidst Challenges, United than Ever! 25NOVEMBER2022 VIRTUAL MODE



Pledge of Commitment 2022

**16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS**



15th Mapua Community Conference 2022 [ComCon2022]:

Amidst Challenges, United than Ever! 25NOVEMBER2022 VIRTUAL MODE



Distribution of Alcohol and Liquid Handsoap during Pandemic

Mapua-SOCIP has been helping its partner communities, bringing into realization their projects, especially in the field of engineering applications, health and wellness educational training and seminars. With the worldwide pandemic, Mapua-SOCIP still continues to its initiative on the aspect of health care.

Following health protocols, last May 6, 2022, Mapua-SOCIP delivered gallons of alcohol and liquid hand soaps to Brgy. 863. With the help of barangay officials, the hand sanitizing supplies were distributed to 43 barangays of Pandacan.

Appreciation messages and photos of residents and barangay officials during the distribution medicines were posted on Pandacan communities' Facebook group.



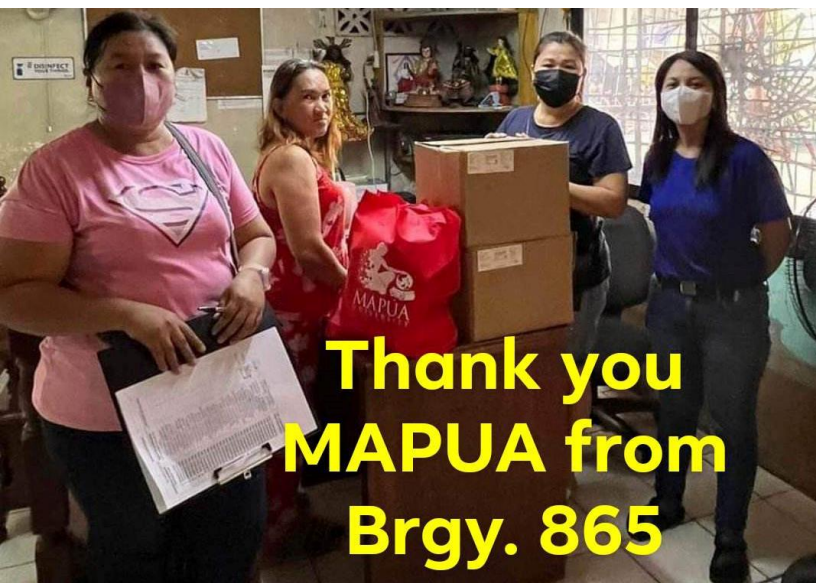
Salamat Po. MAPUA
Brgy. 832 Zone 90 Dist. VI



One Year Supply of Vitamins and Supplements for Children and Senior Citizen

Mapua University through its SOCIP Office gives support to its partner communities by giving vitamins and supplements for the children and senior citizens.

For the year 2022, forty-three (43) barangays in Pandacan (Manila) received sets of vitamins and supplements to support the most vulnerable people in the community; the children and senior citizens. These were distributed with the help of barangay officials and personnel. This initiated is in response to United Nations Sustainable Development Goal#3: Good Health and Well-Being. *(Details of activity can be viewed via facebook of each partner community)*





Pictures of the distribution of medicines to the different barangays in Pandacan, Manila



Office for Social Orientation and Community Involvement Programs



Thank You
MAPUA
From: PB Raquelita B. Sabangan
and
Council



Pictures of the distribution of medicines to the different barangays in Pandacan, Manila



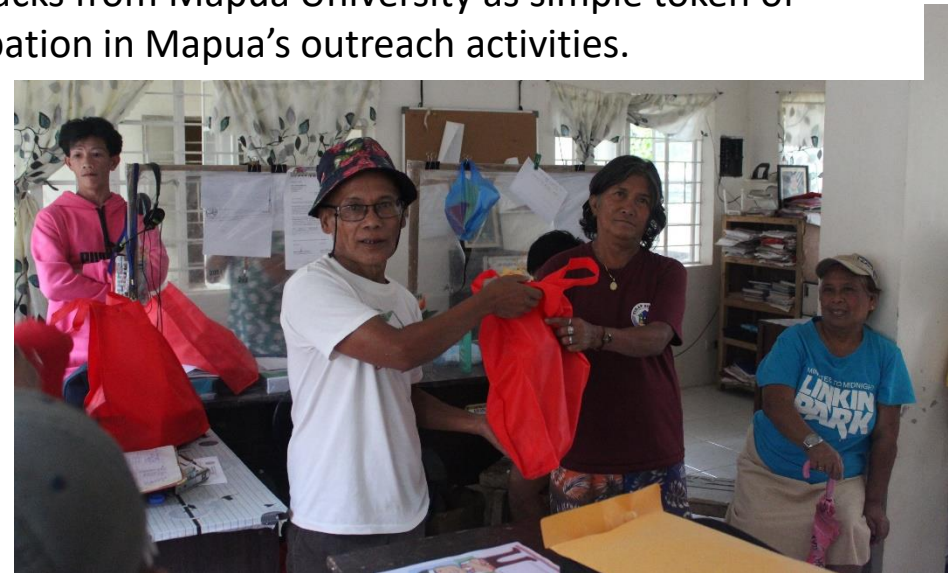
Seminar-Workshop on SDG#16: Peace, Justice and Strong Institutions

On December 20, 2022, Mapua University conducted a seminar on “Barangay Tanod Skills Enhancement” Series #1 covering Module 1: Profile of Barangay Tanod; Module 2: Gender-Sensitive, Child friendly, and IP-Relevant Barangay Tanod. This is the first part of multiple series which aims to strengthen the know-how of the barangay officials, tanods and members of the community in implementing and applying operations and procedures in doing the work of barangay tanods. A workshop on handcuffing technique preceded the activity. The activity was conducted on site on the two communities at Tanay (Rizal) namely Brgy. San Andres and Brgy. Sto. Nino.





Participants of the seminar-workshop consisting of Barangay Officials, Tanods and community members from Brgy. San Andres and Brgy. Sto. Niño received gift packs from Mapua University as simple token of appreciation for their support and participation in Mapua's outreach activities.



Office for Social Orientation and Community Involvement Programs



Certificate of attendance were distributed personally by SOCIP-Mapua team to the participants of the seminar-workshop during their visit at the community last 31JAN2023





Office for Social Orientation and Community Involvement Programs



Paskong Mapuan: Christmas Party for the Kids of Intramuros, Manila

As part of Mapua University's way of sharing the yuletide season's spirit of happiness not only to its students, employees and faculty members, on December 15, 2022, the University held a children's Christmas Party for One Hundred Fifty (150) children residing inside the Walled City, Intramuros, Manila.

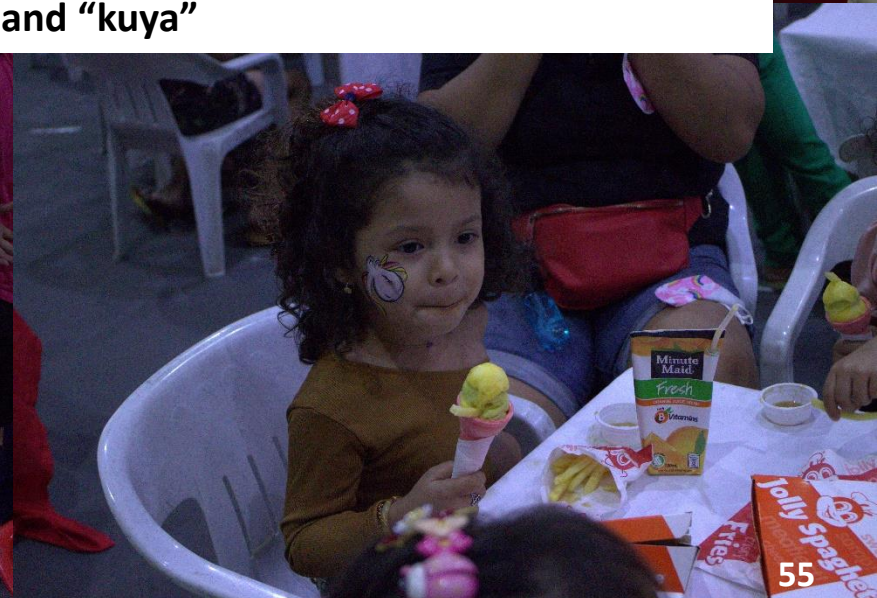
The kids were treated to a 3-hour event of fun activities like face painting, magical show and fun games.

After the fun activities, the kids were treated to a hefty packed meal. Each kid also received a loot bag containing some goodies.





The kids' faces were filled with excitement and smiles during the 3-hour fun and activities. Some Senior High School students also assisted during the day to serve as the kids' "ate" and "kuya"





Some activities of the children include the balloon show, puppet show and magic tricks show



Student Activities



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OFFICE FOR SOCIAL ORIENTATION AND
COMMUNITY INVOLVEMENT PROGRAMS

Identify the Exponents

First, let us identify the exponents in the number.

Creation of Micro Lecture Videos for High School Algebra: Laws of Exponents for the Auxiliary Learning Resources of the Dunong Lingkod Website

The student organization Honor Society of Mapua participated in the creation of micro-lecture videos as part of its objective to contribute to the initiative of Mapua University under the SOCIP Office in providing access to digital lessons for the Alternative Learning Equivalency and Accreditation Program (ALEAP). The topics of the MLVs discuss the principles of the Law of Exponents.

The MLVs can be viewed in the online portal of Mapua University called “Dunong Lingkod” where learners can easily access the videos for free. To access visit: <https://dunonglingkod.mapua.edu.ph/>

Exponent is a symbol written above and to the right of a mathematical expression to indicate the operation of raising to a power and something that tells how many times to multiply a number by itself.

that tells how many times to multiply a number by itself.

1st: Multiplying Expressions with Like Bases

$$a^m \times a^n = a^{m+n}$$

while the m and n are considered as the exponents.

4th: Dividing Expressions with Like Bases

$$\frac{a^x}{a^y} = a^{x-y}$$

Case #1: the exponent of the dividend is greater than the exponent of the divisor

Just like in the product of powers, we also have the quotient of powers

Auxiliary Learning Resources



Today, we'll be discussing the different parts of speech

Creation of Micro-Lecture Videos on Language Proficiency (Parts of Speech and Punctuation Marks) for the Auxiliary Learning Resources of the Dunong Lingkod Website

The Mapúa SHS - English Club created micro-lecture videos focused on providing context in language proficiency as the parts of speech and the use of punctuation marks as the main topics of the MLVs. The topics were chosen as they are the fundamentals of English grammar which would be helpful for all learners regardless of age or proficiency. This would help the youth adapt to a different environment - may it be professional or conversational - that could serve as their foundation of attaining better career opportunities in the field of academics and workplace.

The MLVs can be viewed in the online portal of Mapua University called "Dunong Lingkod" where learners can easily access the videos for free. To access visit: <https://dunonglingkod.mapua.edu.ph/>

What is SPEECH?

According to Merriam Webster Dictionary, speech is the **communication** or **expression of thoughts** in **spoken words**.



friends, or even family members

Pronouns			
Singular personal pronouns	Plural personal pronouns	Possessive pronouns	Indefinite pronouns
I, you, he, she, it, my, mine, your, his, hers, its, me, her, him	we, you, they, yours, ours, theirs, us, them	my, his, her, our, their, your, whose, its	anyone, everything, no one, everybody

that is personal.

ADJECTIVE

.. a word or phrase naming an attribute, added to or grammatically related to a noun **to modify** or **describe** it.

- Oxford Languages



to modify or describe it



OFFICE FOR SOCIAL ORIENTATION AND COMMUNITY INVOLVEMENT PROGRAMS

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