



MAPUA INTERNATIONAL SUMMER SCHOOL INBOUND

PROGRAM GUIDELINES

1. ACCOMPLISH ONLINE APPLICATION FORM AND UPLOAD REQUIREMENTS TO:

<http://mapua.edu.ph/Academics/InternationalPrograms/Students>

- b. Copy of valid passport (*Bio page*)
- c. Certificate of Enrollment
- d. Endorsement from Home University

*For scholarship application, additional of the following:

- e. Essay: "How is participating Mapúa International Summer School significant in your study plan?"
- f. Transcript of Records
- g. IELTS / TOEFL score report (for non-native English speakers or more of coursework at a college or university where English is the medium of instruction).

APPLICATION DEADLINE: MAY 31, 2017



2. RECEIVE CONFIRMATION.

If application is completely submitted.



3. GET NOTIFICATION.

If the applicant is accepted in the program and/ or qualified as a scholar.



4. PROCESS PAYMENT.

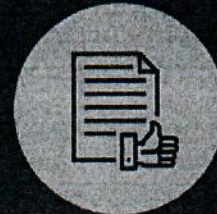
Program fee of USD1000 per student

**Transfer charges/fees shall be borne by the student.*



5. COMPLETE TRAVEL REQUIREMENTS.

- a. Submit the following additional requirements to:
international.programs@mapua.edu.ph
 - a.1. Copy of flight ticket
 - a.2. Medical Certificate
- b. Mapúa OAIP will process the Special Study Permit (SSP) and Insurance.



6. ARRIVE SAFELY.

Mapúa OAIP staff will pick-up the participants at the airport and will be accompanied to the accommodation.





MAPÚA
INSTITUTE OF TECHNOLOGY

Mapúa Institute of Technology, through its International Summer School in partnership with PetroEnergy Resources Corporation, is inviting interested students around the world to its Crash Course on Renewable Energy in July 2017. The medium of instruction is English.

PetroEnergy
PETROENERGY RESOURCES CORPORATION

MAPÚA INTERNATIONAL SUMMER SCHOOL 2017

Education for the
DIGITAL AND
GLOBAL GENERATION.

2017 MAPÚA INTERNATIONAL SUMMER SCHOOL: RENEWABLE ENERGY COURSE

PROGRAM DETAILS

- Program Fee: USD 1000
- Classes are from Monday to Friday
- 49 hours of classroom contact
- Plant visits
- Short historical trips within the Metro scheduled during weekdays
- Culminating cultural trip in Boracay

Note: There will be a 50% discount on tuition for students coming from partner universities



Maibarara Geothermal Power Project



Tarlac Solar Power Project



Nabas Wind Farm

SUMMER SCHOOL SCHOLARSHIP

COVERAGE

1. Three-week, three-unit course on Renewable Energy
2. Cultural trips
3. Certificate of Completion
4. Airport pickup and drop off
5. Health insurance

Note: For limited slots only

EXCLUDED COST

1. Accommodation (estimated cost USD 300)
2. Personal expenses
3. Any other non-specified costs

REQUIREMENTS

1. Essay: "How is participating in Mapúa International Summer School significant in your study plan?"
2. Transcript of Records
3. IELTS/ TOEFL Score Report
4. Letter of Recommendation issued by the home university



MapuaInstitute

www.mapua.edu.ph

MAPÚA INTERNATIONAL SUMMER SCHOOL

PROGRAM SCHEDULE
JULY 10 TO 29, 2017

WEEK 1: GEOTHERMAL

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00	Orientation: Meet and Greet	Lecture: The Philippine Energy Sector and Renewable Energy Development (DOE)	Lecture: Geothermal Resources: Nature, Characteristics and Development	Lecture: Basics of Geothermal Drilling	PERC Lecture to discuss an overview of the Maibarara Geothermal power plant on the following: a. Development and Features of the Maibarara Geothermal power plant. b. Reservoir Engineering aspect of geothermal, wind and solar RE.	Visit to Maibarara Geothermal Power Plant, Batangas
10:30	Campus Tour	Lunch	Lunch	Lunch	Lunch	
12:00	Lunch	Lecture: Electrical Power Transmission and Distribution in the Philippines (NGCP)	Lunch	Lunch	Lunch	
1:30	Class: Phil. History and Culture	Tour of the NGCP monitoring facilities in Quezon City	Film Showing: Geothermal Resources	Film Showing: Geothermal Drilling	Free time	
3:00	Intramuros Tour					
4:30						
6:00	Welcome Dinner (Barbara's)					

WEEK 2: SOLAR

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00	Photovoltaic Principles 1	Measurement and Characteristics of Solar PV Modules (Part 2)	Power Conditioning and Controllers (Part 1)	PERC Lecture to discuss an overview of the 50 MW (d4) Tarlac-1 Solar Power Projects on the following: a. Development and Features of the Tarlac-1 Solar Plants b. Operations and Maintenance of the Tarlac-1 Facility c. Solar Project Cost and Economics d. Environmental and Community Relations Program of PetroSolar Corp.	PERC Lecture to discuss an overview of the 50 MW (d4) Tarlac-1 Solar Power Projects on the following: a. Development and Features of the Tarlac-1 Solar Plants b. Operations and Maintenance of the Tarlac-1 Facility c. Solar Project Cost and Economics d. Environmental and Community Relations Program of PetroSolar Corp.	Visit to Tarlac Solar Power Plant
10:30	Cultural trip	Cultural trip	Org. activity	Visit to 54MW Pillilla, Rizal	Visit to 54MW Pillilla, Rizal	
12:00	Lunch	Lunch	Lunch	Lunch	Lunch	
1:30	Student org immersion	Battery Energy Storage	Power Conditioning and Controllers (Part 2)	Visit to Philippine Electricity Market Corporation on "Wholesale Electricity Spot Market" in Ortigas	Free time	
3:00	Measurement and Characteristics of Solar PV Modules (Part 1)		Pre-visit orientation (by PERC team) re itinerary for Thursday			

WEEK 3: WIND

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00	Introduction to Wind Energy Conversion System	Wind Resource Assessment (Part 2)	Wind Turbine Technologies (Part 1)	Wind Turbine Applications (Part 2)	Visit to Nabas Wind Farm, Aidan PERC to lecture on the following: 1. Development of Nabas Wind Farm. 2. Operations and maintenance 3. Environmental and Community relations. *Includes Control building and turbine tour	Cultural activity and closing program in Boracay
10:30	Org. immersion	Org. immersion	Wind Turbine Technologies (Part 1)	Wind Turbine Applications (Part 2)	Lunch	
12:00	Lunch	Lunch	Lunch	Lunch	Lunch	
1:30	Activity	Wind Turbine Technologies (Part 1)	Activity	Pre-visit orientation (provided by PERC team)	Departure to Hotel	
3:00	Wind Resource Assessment (Part 1)	Wind Turbine Applications (Part 1)	Wind Turbine Applications (Part 1)			

Note: Subject to change without prior notice.

FEES BREAKDOWN (USD1,000):

- Tuition – USD250
- Accommodation – USD300
- Cultural Trips – USD350
- Other Expenses – USD100

FOR MORE INFORMATION, PLEASE CONTACT

Office of Admissions and International Programs

G/F Admissions Building
Mapúa Institute of Technology
Muralla St. Intramuros,
Manila 1002 Philippines
Telephone: (+632) 247-5000 loc. 1404
Fax: (+632) 336-6102
Email: international.programs@mapua.edu.ph

POSSIBLE ACTIVITIES IN BORACAY

