



Republic of the Philippines
Department of Education
REGION VII - CENTRAL VISAYAS
DIVISION OF CITY SCHOOLS - TAGBILARAN CITY

**Office of the Schools Division
Superintendent**

January 14, 2025

DIVISION MEMORANDUM

No. 032 , s. 2025

**INVITATION TO THE REGIONAL ELIMINATIONS OF THE
24TH PHILIPPINE NATIONAL CHEMISTRY OLYMPIAD**

To: All Public Elementary and Secondary School Heads
All Private Elementary and Secondary School Heads
All Others Concerned

1. This has reference to the Regional Memorandum No. 0008, s. 2025 dated January 2, 2025, titled **Invitation to the Regional Eliminations of the 24th Philippine National Chemistry Olympiad**.
2. This Office, through the Curriculum Implementation Division (CID) would like to invite all public and private elementary and secondary schools to participate in the **Invitation to the Regional Eliminations of the 24th Philippine National Chemistry Olympiad on February 8, 2025 (Saturday), 7:00AM – 12:00PM, at the Department of Chemistry, University of San Carlos-Talamban Campus, Cebu City.**
3. This annual competition mainly aims to promote chemistry at the secondary level. The winners of the 24 PNCO 2025 will be selected as delegates to the 57th International Chemistry Olympiad (IChO) to be held in United Arab Emirates.
4. Please see attached communication for more details.
5. Immediate and wide dissemination of this memorandum is desired.

WILFREDA D. BONGALOS PhD CESO V
Office of the Schools Division Superintendent

WDB/JAAL/CID/JTB/cmfc



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Republic of the Philippines
Department of Education
REGION VII - CENTRAL VISAYAS

1-23
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SDS OFFICE
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BY _____ DATE: 1/6/2025

Office of the Regional Director

REGIONAL MEMORANDUM

No. 0003 s. 2025

02 JAN 2025

INVITATION TO THE REGIONAL ELIMINATIONS OF THE 24TH PHILIPPINE NATIONAL CHEMISTRY OLYMPIAD

To: Schools Division Superintendents
Officer-in-Charge of Regular/Interim Divisions
School Heads, Public and Private Schools
All Others Concerned

1. This Office is hereby disseminating the enclosed communication from USC Chemistry Students' Association (USC ChemSA), inviting the private and public schools in Region VII to take part in the Regional Eliminations of the 24th Philippine National Chemistry Olympiad (24PNCO2025) which is spearheaded by the Philippine Federation of Chemical Societies (PFCS) on **February 8, 2025** (Saturday), 7:00 AM - 12:00 PM., at the Department of Chemistry, University of San Carlos-Talamban Campus, Cebu City,
2. This annual competition mainly aims to promote chemistry at the secondary level. The winners of the 24 PNCO 2025 will be selected as delegates to the 57th International Chemistry Olympiad (IChO) to be held in United Arab Emirates.
3. The communication is attached for more details.
4. For the information of all interested and concerned parties.

SALUSTIANO T. JIMENEZ JD, EdD, CESO V
Director IV
Regional Director

STJ/FYA/ORDIR/jpp



Doña M. Gaisano St., Sudlon, Lahug, Cebu City
Telephone Number: 639457623193 local 700

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University of San Carlos Chemistry Students' Association (USC ChemSA)

Room EO340TC, Edgar Oehler Wing, Arnoldus Science Complex
USC Talamban Campus, Nasipit, Talamban, Cebu City, 6000 Philippines
Email address: chemsa.usc@gmail.com

November 20, 2024

SALUSTIANO T. JIMENEZ, EdD, JD, CESO V

Director IV
Regional Director- Region VII

NOV 28 2024

Jim

11:05

Dear Dr. Jimenez,

Greetings of Peace and Solidarity!

The USC Chemistry Students' Association (USC ChemSA) invites the private and public schools in Region VII to take part in the Regional Eliminations of the 24th Philippine National Chemistry Olympiad (24PNCO2025) which is spearheaded by the Philippine Federation of Chemical Societies (PFCS). This annual competition mainly aims to promote chemistry at the secondary level. The winners of the 24 PNCO 2025 will be selected as delegates to the 57th International Chemistry Olympiad (IChO) to be held in United Arab Emirates. The PNCO regional coordinator for Region VII is Ms. Jill R. Quitayen of the Department of Chemistry of the University of San Carlos. Alongside the USC Chemistry Students' Association which also organizes this year's regional examination. The pre-registration is on or before January 24, 2025. The exam will be conducted in person and will be held on February 8, 2025 (Saturday) - 07:00 AM - 12:00 PM, at the Department of Chemistry, University of San Carlos - Talamban Campus, Cebu City. The 5 highest scorers will be selected as delegates to the 24th PNCO 2025 NATIONAL FINALS: 22 March 2025 (Saturday) - 07:00 AM - 06:00 PM, College of Arts and Sciences, University of the Philippines Manila.

For the general guidelines, please refer to the guidelines that are attached to this letter. More information will be provided in the pre-registration link to be posted on the USC ChemSA Facebook Page (<https://www.facebook.com/usccchemsa>).




University of San Carlos Chemistry Students' Association (USC ChemSA)
Room EO340TC, Edgar Oehler Wing, Arnoldus Science Complex
USC Talamban Campus, Nasipit, Talamban, Cebu City, 6000 Philippines
Email address: chemsa.usc@gmail.com

In line with this, USC ChemSA requests your kind office to help in the dissemination of this notice to all of the private and public schools under your jurisdiction.

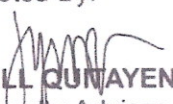
We are looking forward to the help that your office can provide for the success of this event. You may reach out to us by replying to this email or contact us through the details provided here. You may call us at (032) 230-0100 local 157 and look for Ms. Jill Quitayen.

Thank you!

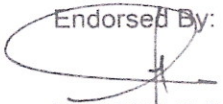
Respectfully,


MARCK S. CENA
President
USC Chemistry Students' Association

Noted By:


JILL QUITAYEN
Faculty Adviser
USC Chemistry Students' Association

Endorsed By:


EUGENE T. BACOLOD, Ph.D.
Department Chair
USC Department of Chemistry



University of San Carlos Chemistry Students' Association (USC ChemSA)
Room EO340TC, Edgar Oehler Wing, Arnoldus Science Complex
USC Talamban Campus, Nasipit, Talamban, Cebu City, 6000 Philippines
Email address: chemsa.usc@gmail.com

**24th REGIONAL CHEMISTRY OLYMPIAD
2025**

REPLY FORM

Kindly fax reply form to (032) 344-6715 or call (032) 230-0100 local 157 or email Jill Quitayen through jrquitayen@usc.edu.ph.

Please tick the appropriate circle:

- We appreciate your invitation but we have decided not to participate.
- Yes, we will participate. (Please fill in the table below.)

Name of School	
Name of Participants	
Name of Coaches	



PHILIPPINE NATIONAL CHEMISTRY OLYMPIAD

24th Philippine National Chemistry Olympiad 2025 (24PNCO2025)

Regional Elimination

GUIDELINES and MECHANICS

A. IMPORTANT DATES:

- A.1. Regional Chemistry Olympiad (RCO)2025: **8 February 2025 (Saturday)**
- A.2. Endorsement of Winners of the RCO 2025: **07 March 2025 (Friday)**
- A.3. 24th PNCO 2025 NATIONAL FINALS: **22 March 2025 (Saturday)** – 07:00 AM -06:00 PM, College of Arts and Sciences, University of the Philippines Manila
- A.4. Preparations for the 56th International Chemistry Olympiad: **May – June 2025**
- A.5. Training Sessions of Philippine Delegates: **June 2025, TBA**
- A.6. 57th International Chemistry Olympiad (IChO) 2025: **05 - 14 July 2025**, United Arab Emirates

B. QUALIFICATIONS

Participants must be Filipino citizens enrolled as high school students, from grade 9-11, at the time of the 24th PNCO 2025 Regional and National competitions. (Note: To qualify for IChO – International Chemistry Olympiad, students must not be enrolled/ registered as college students during the duration of IChO).

C. CONTEST COVERAGE

Matter and its properties	Electronic Structure and Periodicity	Thermochemistry
Measurements	Chemical Bonding - Ionic Bonds	Chemical Kinetics
Atoms, Molecules, and Ions	Covalent Bonds	Chemical Thermodynamics
Stoichiometry	Organic compounds	Chemical Equilibrium
Gases	Intermolecular Forces and Liquids and Solids	Acid-Base Equilibria and Salt Equilibria
Electronic Structure of Atoms	Physical Properties of Solutions	Electrochemistry

Questions involving more advanced topics may also be included. These advanced topics may cover:

- 1. Solid state and coordination chemistry (e.g., crystal structures, crystal field theory, and isomerism of inorganic complexes)





PHILIPPINE NATIONAL CHEMISTRY OLYMPIAD

2. Thermodynamics (e.g., gases, liquids, solids, temperature dependence of equilibrium constants, electromotive force, and Gibbs free energy)
3. Electrochemistry and electrochemical analysis (amperometry, voltammetry, conductometry, and potentiometry)
4. Kinetics (catalysis, the Arrhenius equation, and integrated rate laws)
5. Organic chemistry (stereoisomerism, simple stereocontrolled organic transformations, [4+2]cycloaddition, and [3,3]-sigmatropic rearrangement)
6. Spectroscopy (correlation of simple organic structures with their $^1\text{H-NMR}$, $^{13}\text{C-NMR}$, or IR data.)
7. Analytical Chemistry (acid-base titrations, complexometric titrations, redox titrations, spectrophotometry, and Beer-Lambert's Law)

D. REGIONAL CHEMISTRY OLYMPIAD (RCO)

- D.1. The 24th PNCO 2025 Regional Olympiad will be held on **8 February 2025 (Saturday)** to be hosted by the University of San Carlos Department of Chemistry.
- D.2. Regional organizers have the authority to set their own modality on how to conduct the Regional Eliminations as long as the guidelines are provided and communicated clearly to the participants.
- D.3. The regional organizers are expected to send out an invitation. Interested parties must feel free to inform the organizers of their intent to participate.
- D.4. A maximum of three (3) participants per school may register.
- D.5. A school may have a maximum of three (3) coaches (one coach per student).
- D.5 The regional eliminations will consist of a written exam of 50 multiple choice questions.
- D.6. Participants are allowed to use scientific calculators except those which are programmable, with equation feature, and with built in constants, during the competition. All calculators must be presented for inspection upon registration. Periodic table will be provided.
- D.7. The top **FIVE (5)** winners (Champion, 1st Runner-up, 2nd Runner-up, 3rd Runner-up and 4th Runner-up) in the Regional Olympiad qualify to compete in the 24th PNCO 2025 National Finals on **22 March 2025 (Saturday)**.

