



October 4, 2018

**Division Memorandum**

No. 683 s, 2018

**SEAMEO INNOTECH'S MENU OF INNOVATIVE ONLINE COURSES**

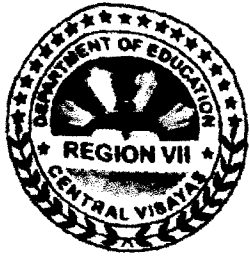
1. For the information and guidance of all concerned, attached is Regional Memorandum No. 725 s. 2018, dated October 2, 2018, entitled " **Seameo Innotech's Menu of Innovative Online Courses**".
2. For details, refer to the attached Memorandum.
3. Immediate dissemination of this Memorandum is desired.

By:

**RHEA MAR A. ANGTUD, ED. D., CESO VI**  
Schools Division Superintendent

For:

RHEA MAR A. ANGTUD Ed.D.  
ASST. SCHOOLS DIVISION SUPERINTENDENT



REPUBLIKA NG PILIPINAS  
REPUBLIC OF THE PHILIPPINES  
KAGAWARAN NG EDUKASYON  
DEPARTMENT OF EDUCATION  
**REHIYON VII, GITNANG VISAYAS**  
**REGION VII, CENTRAL VISAYAS**  
Sudlon, Lahug, Cebu City



OCT 02 2018

**REGIONAL MEMORANDUM**

No. **0725**, s. 2018

**SEAMEO INNOTECH'S MENU OF INNOVATIVE ONLINE COURSES**

To : Schools Division Superintendents/OICs

1. Enclosed is a communication from Dr. Ramon C. Bacani, Director, SEAMEO INNOTECH, dated September 13, 2018 relative to the **SEAMEO INNOTECH's Menu of Innovative Online Courses**.
2. For details, refer to the attached communication.
3. For the appropriate action of all concerned.

*Juliet A. Jeruta*  
JULIET A. JERUTA, Ph.D., CESO IV  
Director IV

FROM :

FAX NO. :

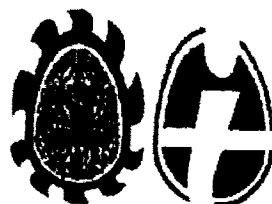
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Department of Education  
Region VII, Central Visayas

RD2018-3085

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# SEAMEO INNOTECH

Southeast Asian Ministers of Education Organization  
Regional Center for Educational Innovation and Technology

*A better future for every learner in Southeast Asia*

September 13, 2018

**Dr. Juliet A. Jeruta**  
Regional Director  
DepED Region VII  
Sudlon, Lahug  
Cebu City

Dear Dr. Jeruta,

SEAMEO INNOTECH is committed to continuously provide innovative capacity building opportunities for our educators. We are pleased to inform you of SEAMEO INNOTECH's menu of innovative online courses available for school heads and teachers which are now all CPD accredited.

Online Course Title	Course Details	Equivalent Training Hours	CPD Credits	CPD Accreditation Code
Teach On: Keeping the Passion Alive	Massive Open Online Course that aims to inspire, rekindle and sustain teachers' passion for teaching	30 training hours self-paced for 2 months	15	2017-086-1253
GURO 21 (Gearing Up Responsible and Outstanding Teachers) Course 1	Builds the capacity of teachers in facilitating the development of 21 <sup>st</sup> century skills	54 training hours self-paced for 2 months with 4 scheduled live chat session (3 hours each)	15	2017-086-1251
GURO 21 (Gearing Up Responsible and Outstanding Teachers) Course 2	Builds the capacity of teachers to develop higher-order thinking skills	54 training hours self-paced for 2 months with 4 scheduled live chat session (3 hours each)	15	2017-086-1212
TEACHeXCELS (Teaching and Learning Excellence for School Leadership in Southeast Asia)	Builds the capacity of school heads to develop and strengthen the management of teaching and learning processes in school	54 training hours self-paced for 2 months with 4 scheduled live chat session (3 hours each)	15	2017-086-1250
SUPEReXCELS	Develops and strengthens the school head's capacity	84 training hours	15	2017-086-1252



## DIPLOMA IN SCIENCE TEACHING

The Diploma in Science Teaching (DST) is a post-baccalaureate degree program designed to address the need for teachers to develop the breadth and depth of content knowledge in science courses namely biology, chemistry, and physics. This program is designed for basic education teachers who wish to undertake further studies and upgrade themselves. Applicants should have a baccalaureate degree and preferably be teaching science in the secondary level.

### PROGRAM GOALS

The program seeks to:

- Develop a strong foundation in the student's chosen area of science and encouraging lifelong interest in this area;
- Develop a critical and research-based understanding of science education frameworks, models, and approaches;
- Develop the skills necessary to teach science effectively, including appropriate use of learning technologies;
- Promote habits of critical reflection on teaching and learning, and encourage active participation in communities of practice; and
- Develop an appreciation of the cultural significance of science and its relation to social conditions.

### MODE OF DELIVERY/INSTRUCTION

All courses are delivered by Distance Education mode.

### CURRICULUM

There are 24 units of course work (9 units of core courses + 15 units of required courses for each major area) that may be completed in two years if the prescribed curriculum is followed. The core courses are common courses required of all students and considered necessary general education for students irrespective of their choice in major.

### CORE COURSES (9 UNITS)

**EDSCI 201 Foundations of Science Education**  
(3 units)

**EDSCI 202 Approaches to Science Teaching**  
(3 units) Learning theories, models of learning science, strategies for teaching science, design of learning units

**EDSCI 203 Assessment in Science Education**  
(3 units) Principles and methods of assessment in science education; assessment techniques and tools; levels of assessment in science education

### MAJOR COURSES (15 UNITS)

*Major in Biology*

**EDSCI 211 Principles of Biology**  
(3 units) Organization of life, cell biology, evolution of the cell and organelles and microbiology

**EDSCI 212 Anatomy and Physiology**  
(3 units) Anatomical and physiological mechanisms of biological processes at the cellular, tissue, and organ level systems  
(Prerequisite: EDSCI 211)

**EDSCI 213 Principles of Ecology**  
(3 units) (Prerequisite: EDSCI 211)

**EDSCI 214 Genetics and Evolution**  
(3 units) Biochemical, Mendelian, and population genetics of eukaryotes, and the evolutionary history of the earth  
(Prerequisite: EDSCI 211)

**EDSCI 219 Models and Experiments in Biology**  
(3 units) Design and evaluation of multimedia materials, models, and laboratory and field activities;

FROM :

FAX NO. :

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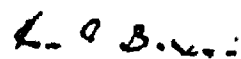
Successful course completers receive an international course certificate from SEAMEO INNOTECH. Completers of GURO21, TEACHeXCELS and SUPEReXCELS also receive advance academic credit of at least 6 units from SEAMEO INNOTECH partner universities.

The cost per learner of these courses are subsidized by SEAMEO INNOTECH, thus the cost is at a 75% discount. The implementation is pre-arranged per batch (e.g. a batch of X number of learners from a particular Division or Region). The Teach On: Keeping the Passion Alive MOOC is free.

We therefore encourage our DepED Regions and corresponding Divisions to form groups of learners (a batch) who will undergo any of the courses.

For more information on the courses, please feel free to contact our online Course Manager, Mr. Juan Robertino Macalde, Senior Specialist of Flexible Learning Solutions. You may reach him by email at [robbie@seameo-innotech.org](mailto:robbie@seameo-innotech.org) or by landline at +02 9247681 local 182.

Sincerely,



RAMON C. BACANI  
Director