

Republic of the Philippines  
(Republic of the Philippines)  
KAGAWARAN NG EDUKASYON AT KULTURA  
(DEPARTMENT OF EDUCATION AND CULTURE)  
Manila

March 25, 1976

DEPARTMENT MEMORANDUM  
No. 74, s. 1976

PNC 1976 SUMMER SEMINAR-WORKSHOPS  
IN SCIENCE AND MATHEMATICS

To the: Bureau Directors  
Regional Directors  
Schools Superintendents

1. The Science and Mathematics Department of the Philippine Normal College is conducting 45-hour seminar-workshops for public and private school teachers and administrators from all three levels - elementary, secondary and collegiate - from April 19 to May 15, 1976.

2. The aim of the seminar-workshops is to gear the teaching of science and mathematics to a work-oriented, process-inquiry, laboratory-accented, ~~integrated~~ and individualized ~~non-modularized~~ instruction. These seminar-workshops are designed to help teachers in the field keep abreast of new trends and new advances in content, technology and methodology in the aforementioned disciplines.

3. The following are the areas to be covered in the seminar-workshops:

In Science

- Writing of Self-Instructional Modules in Science (Elementary)
- Practicum in Science (Elementary)
- Integrated Science Teaching (Secondary)
- Work-Oriented Course in Chemistry (Secondary)
- Laboratory Techniques in the Teaching of Biology
- Instrumentation in Science (Towards Modularized Laboratory)

In Mathematics

- Instrumentation in Mathematics
- Basic Modern Mathematics
- Advanced Modern Mathematics
- Innovations in Mathematics Teaching  
For Secondary Math Teachers  
For Elementary Math Teachers

4. The official fee per participant is \$60 plus \$2 service fee.

5. Realizing the need to continually upgrade teacher competencies in their respective areas of concentration, this Office enjoins Regional Directors to encourage teachers and administrators within their jurisdiction to attend the seminar-workshops on official time.

(SGD.) JUAN L. MARIQUEL  
Secretary of Education and Culture

Reference:

R o n e

Attachment: 1-2--(D.O. 4-76)

To be indicated in the Perpetual Index  
under the following subjects:

BUREAU and OFFICES  
Course of Study, ELEMENTARY  
" " " , SECONDARY  
" " " , COLLEGIATE  
FUNDS  
SEMINARS  
TEACHING  
WORKSHOPS