



REPUBLIKA NG PILIPINAS  
REPUBLIC OF THE PHILIPPINES  
**KAGAWARAN NG EDUKASYON**  
DEPARTMENT OF EDUCATION  
DepEd Complex, Meralco Avenue, Pasig City, Philippines

*Tanggapan ng Kalihim*  
*Office of the Secretary*

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**MAR 18 2003**

DepEd MEMORANDUM  
No. 91 s. 2003

**TUP-IRTC 2003 SUMMER TRAINING COURSES**

To: Regional Directors  
Schools Division/City Superintendents

1. The Technological University of the Philippines (TUP), through the Integrated Research and Training Center is offering seven training courses this summer as part of its Midyear Continuing Education Program at the Technological University of the Philippines, Ayala Blvd., corner San Marcelino St., Ermita, Manila.
2. The following are the training courses:
  - a. Electrical house wiring installation for unskilled and out-of-school youth;
  - b. Training on advanced electrical DC machines for graduates and practitioners;
  - c. Training-workshop on installing, maintaining and securing a local area network for computer professionals and practitioners;
  - d. CNC programming and machining;
  - e. Short course on advanced photography for instructional development;
  - f. Short course on video camera operation for instructional development;  
and
  - g. Seminar-workshop on soil property test for pavement.
3. The participants to this training are the teachers, research students and other professionals. The teachers are allowed to attend on official time only. For further information, please refer to the enclosed brochure.
4. Immediate and wide dissemination of this Memorandum is desired.

  
EDILBERTO C. DE JESUS  
Secretary

Encl.:

As stated

Reference:

N o n e

Allotment: 1- -(D.O. 50-97)

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

TEACHERS  
TRAINING PROGRAMS



Republic of the Philippines  
Technological University of the Philippines  
**INTEGRATED RESEARCH AND TRAINING CENTER**  
Manila

PRC Multi-disciplinary Provider Accreditation No. 96-006  
CSC Accreditation No. GTI-00602-0594  
DOST-PCIERD Network Member

# 2003

## TRAINING COURSES

### CONTINUING EDUCATION PROGRAMS IN

- *Civil Engineering*
- *Educational Media Technology*
- *Electrical and Electronics Engineering*
- *Information Technology*
- *Mechanical Engineering*

#### INSTITUTIONAL PROFILE

The Integrated Research and Training Center (IRTC) was established in 1982 through a bilateral agreement between Japan and the Philippines.

The IRTC consists of six departments, namely: Civil Engineering, Electrical Engineering, Mechanical Engineering, Computer, Audio Visual and Printing.

IRTC shares the vision of the Technological University of the Philippines in attaining excellence and relevance in engineering and technology education through the following programs:

1. Science and technology research and development;
2. Technical manpower and human resource development; and
3. Academe-industry networking.

IRTC embarks on S&T R&D studies, on its own or in collaboration with other institutions. Likewise, it provides advanced and specialized training for professionals, engineers and technologists, and teachers, including research students. In addition, IRTC plans and manages regional and international technical conventions, fairs and exhibits.

Aside from modular courses like this Annual Continuing Education Program, IRTC accommodates requests for customized training, materials and trade testing, product design and fabrication, instructional media production, and technical consultancy.

*For further inquiry and confirmation of schedule, please contact:*

**Prof. NENET C. GRAZA**  
Director, Integrated Research and Training Center  
e-mail: ngraza@tup.edu.ph

or

**Mr. LORETO G. AGUILA**  
Chief, Training, Extension and Technical Services, IRTC  
e-mail: agulatio@hotmail.com

Republic of the Philippines  
 Technological University of the Philippines  
**INTEGRATED RESEARCH AND TRAINING CENTER**  
 Manila

**2003 MIDYEAR CONTINUING EDUCATION PROGRAMS**

**1. Electrical house wiring installation for unskilled workers and out-of-school youth**

A lecture forum type, this will cover bending of PVC pipes, installation of bulbs, switches, etc. This aims to provide technical skills on basic house wiring.  
 Date: April 22-25, 2003  
 Fee:

**2. Training on advanced electrical DC machines for graduates and practitioners**

This includes theory and practice of electrical machines, methods of start and control of motors and generators.  
 Date: May 20-22, 2003  
 Fee: P 3,520.00

**3. Training-workshop on installing, maintaining and securing a local area network for computer professionals and practitioners**

This integrates classroom discussion and hands on exercises, and deals with problems and solutions to computer interconnection in a local area network.  
 Date: April 22-25, 2003  
 Fee: P 4,565.00

**4. CNC programming and machining**

This covers the use of CNC machine in the fabrication of mechanical parts such as mold, tool or die.  
 Date: April 22-24, 2003  
 Fee: P 3,520.00

**5. Short course on advanced photography for instructional development**

The course covers types of camera, lens and setting, and picture composition.  
 Date: May 5-8, 2003  
 Fee: P 2,475.00

**6. Short course on video camera operation for instructional development**

The course covers operation, connections, and camera works, both analog and digital.  
 Date: May 7-9, 2003  
 Fee: P 2,475.00

**7. Seminar-workshop on soil property tests for pavement**

This course aims to enhance knowledge on materials evaluation for pavement construction.  
 Date: April 23-25, 2003  
 Fee: P 2,475

**Note:**

Course fee includes laboratory supplies and reading materials, lunches and snacks, and TUP Certificate of Training.

**REGISTRATION FORM**

2003 MIDYEAR CONTINUING EDUCATION PROGRAM

Dr./Mr./Ms. \_\_\_\_\_  
 Designation \_\_\_\_\_  
 Organization \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_

Fax \_\_\_\_\_

e-mail \_\_\_\_\_

Please fax or mail this form to:

Integrated Research and Training Center  
 Technological University of the Philippines  
 Ayala Blvd. corner San Marcelino St  
 Ermita, Manila 1000  
 Telefax: (02) 521-4062 or (02) 522-3524

I want to attend the training course/s listed below. Please make reservation for me.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Signature

(This form may be reproduced.)