



Republic of the Philippines  
**POLYTECHNIC UNIVERSITY OF THE PHILIPPINES**  
**MULANAY CAMPUS**  
Mulanay, Quezon

**College of Education**  
Name of College

**Bachelor of Elementary Education**  
Course/Department

**1.0 Course Title: Educational Technology 2**

**2.0 Course Code: ELED 3173**

**3.0 Course Credit: 3 units (3 hrs.)**

**4.0 Course Description**

Educational Technology 2 is a 3-unit course aims to align education students with the CHED-prescribed new teacher education curriculum that is reflective of the National Competency-Based Teacher Standards with the end in view of contributing to the formation of the ideal professional teacher as concretely described in the seven integrated domains of the teaching and learning process.

The course is concerned with Integrating Technology into Teaching and Learning. Specifically this is focused on introducing, reinforcing, supplementing and extending the knowledge and skills to learners so that they can become exemplary users of educational technology.

Upon completion of this course the students should be equipped with the current trends in education in order to bridge the gap between theory and practice.

**5.0 Pre-requisites Course/s: ELED 3103**

**6.0 Vision and Mission Statements of the University**

**7.0 Goals of the College**

**8.0 Objectives of the Program**

**9.0 Course Objectives**

- A. Provide knowledge and skills on technology integration-in-instruction to learners
- B. Impart learning experiences in instructional technology-supported instructional planning
- C. Acquaint students on IT-related learning theories with the computer as a tutor
- D. Inculcate higher-level thinking and creativity among students while providing them knowledge of IT-related learning theories
- E. Acquired knowledge about information technology and how to relate and use them in the workplace
- F. Develop creative and independent learning strategy to further utilize the inputs and relate them necessarily to become productive future professionals.

- G. Appreciate the use and importance of using Information Technology based instructional materials and develops oneself on how to become responsible citizen and information users.
- H. Become responsive individuals in making recommendations – to increase the facility to make and justify recommendations in relation to IT architecture.

**10.0 COURSE CONTENTS**

<b>Course Outline</b>	<b>Per Unit/Topic</b>	<b>Time Duration</b>
Class orientation;	IT Resources of the University	
Lesson 1	Review of Ed. Tech. 1	
Lesson 2	Overview of Educational Technology 2	
Lesson 3	Educational Technology in the Asia Pacific Region	
Lesson 4	Basic Concepts on Integrating Technology in Instruction	
Lesson 5	State-of-the-Art ET Application Practices	
Lesson 6	IT Enters A New Learning Environment	
Lesson 7	IT for Higher Thinking Skills and Creativity	
Lesson 9	Computers as Information and Communication Technology	
Lesson 10	The Computer as a Tutor	
Lesson 11	The Computer as a Teacher’s Tool	
Lesson 12	Information Technology in Support of Student-Centered Learning	
Lesson 13	Cooperative Learning with Computer	
Lesson 14	The Software as an Educational Resource	
Lesson 15	Understanding Hypermedia	
Lesson 16	The Internet and Education	
Lesson 17	Educational Technology 2 Practicum	

**11.0 COURSE REQUIREMENTS:**

- Compilation of Activities in Hard and Soft Copy
- Data Bank of Exercises/Lessons in Technology Driven Teaching and Learning

**12.0 COURSE GRADING SYSTEM**

Midterm and Final Term Examination	30%
Quizzes (Mostly Interactive)	25%
Individual Exercises/Hands-on	35%
Class Participation/ Attendance	10%
<b>TOTAL</b>	<b>100%</b>
<b>Final Rating</b>	
First Grading      50%	
Second Grading <u>50%</u>	
<b>100%</b>	

**13. 0 SUGGESTED TEACHING – LEARNING ACTIVITIES**

- Cooperative/Collaborative Teaching-Learning
- Creative Teaching – Learning Strategies
- Hands-on Using Suitable Software combined with planned exercises

**14.0 REFERENCES:**

**BOOKS:**

- Albano, Gisela May A. et. al. *Introduction to Information Technology*. Bulacan, Trinitas Publishing Inc. 2003.
- Andes, Antonio M. Sr. *Simple Internet*. Bitano Legazpi City. ConvergeLink Books Corp. May 2006.
- Andes, Antonio M. Sr. *Introduction to Computer*. Valenzuela City. World Class Printing and Packaging. May 2003.
- Lucido, P. I. Ph.D. (2007) *Educational Technology 2 (Selection, Production and Utilization of Appropriate Technology Tools for Instruction)*. Quezon City: Lorimar Publishing Co., Inc.
- Navarro, R. L., et al. (1998) *Principles of Teaching and Instructional Technology*. Quezon City: Philippine Association for Teacher Education (PAFTE) and Katha Publishing Co., Inc.
- Tokunbo "Michael" Osilaja, B.Sc., M.Sc., M.I.S. *The Computer Knowledge Book – Microsoft Word. Integrated Printing Services*. Philippines. 2004.
- Tokunbo "Michael" Osilaja, B.Sc., M.Sc., M.I.S. *The Computer Knowledge Book – Microsoft Excel. Integrated Printing Services*. Philippines. 2004.
- Tokunbo "Michael" Osilaja, B.Sc., M.Sc., M.I.S. *The Computer Knowledge Book – Microsoft PowerPoint. Integrated Printing Services*. Philippines. 2004.

**WEB:**

<http://www.aace.org/>

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Second Semester 2010 - 2011

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