COURSE OUTLINE

1. GENERAL

SCHOOL	APPLIED SCIENCE TECHNOLOGY		
DEPARTMENT	DIGITAL MEDIA AND COMMUNICATION		
LEVEL OF STUDY	UNDERGRADUATE		
COURSE UNIT CODE	DMC 135	**SEMESTER OF STUDY**	1st
COURSE TITLE	INTRODUCTION TO NEW COMMUNICATION TECHNOLOGIES		

COURSEWORK BREAKDOWN	**TEACHING WEEKLY HOURS**	**ECTS Credits**
Lectures	2	
Lab exercises	2	
Total	4	5

COURSE UNIT TYPE	Compulsory, General Course Infrastructure
PREREQUISITES :	-
LANGUAGE OF INSTRUCTION/EXAMS:	GREEK
COURSE DELIVERED TO ERASMUS STUDENTS	Yes (in English)
MODULE WEB PAGE (URL)	http://elearn.teikoz.gr/course/view.php?id=44

2. LEARNING OUTCOMES

Learning Outcomes

The purpose of this course is to analyze the evolving communication environment through the development of new technologies. The course also aims at the development of skills (through laboratory exercises) on assignment preparation and presentation preparation using software tools like word, excel powerpoint and internet recourses. The course will also cover extensively the internet technologies and their role as a communication tools. The course will also cover technical issues that relate to the operation of computers and computer networks in theory but also at practical level.

Upon successful completion of the course the student must be able:

1. to incorporate new technologies into their everyday academic activities
2. to adapt to the evolving technological landscape in communication
3. to analyze the functionality of computer equipment and the essential elements of the infrastructure and operation of the internet
4. to combine software packages such as spreadsheets and software for presentations in order to interpret and present information
5. to evaluate and select the appropriate technological tools for communication purposes and to solve practical problems in their field of their study.

General Skills

- Teamwork
- Critical thinking
- Free, creative and inductive thought

3. COURSE CONTENTS

- History of new technologies and the internet and their role in the field of communication
- Networks and Internet services used for synchronous and asynchronous communication
- Computer hardware and software and their applications in the field of communication
- The communication environment as it is being shaped today by the web 2.0 technologies

- Interactive devices and applications in communication
- Developments and future trends in digital technologies that shape the field of new communication

4. TEACHING METHODS - ASSESSMENT

MODE OF DELIVERY	In-Class
USE OF INFORMATION AND COMMUNICATION TECHNOLOGY	Students work with word processing software, spreadsheet software and presentation software Support of the learning process through multimedia video-lessons. Support of the learning process through the e-class platform.
TEACHING METHODS	

Method description	***Semester Workload***
Lectures	26
Lab exercises	26
Personal Study	73
Total	***125***

ASSESSMENT METHODS	I. End of Semester Formal Examination (60%) - Short answer questions - Essay questions - Multiple choice questions - Questions of solving communication problems. II. Lab examination 40 % Examination in the lab on word processing software, spreadsheet software and presentation software

5. RESOURCES

- *Recommended Book Resources:*

- Zissopoulos Dimitrios (2010), Advanced IT, Zissopoulos Publishing.
- Kalafatoudis, Drositis belly (2011) Introduction to Information and Communication Technology, New Technologies Publications,
- Athina.Beekman George, Quinn Michael J (2010), Introduction to computing, Giourdas Publications, Athens.
- Behrouz Forouzan, Firouz Mosharraf (2010), Introduction to Computer Science, Kleitharithmos publications, Athens
- Zissopoulos Dimitrios (2004), Digitech, Zissopoulos Publishing
- J.J. Parsons, D. Oja (2012), New Perspectives on Computer Concepts 2013: Introductory, Cengage Learning, USA