COURSE OUTLINE

1. GENERAL

SCHOOL	ENGINEERING		
DEPARTMENT	PRODUCT AND SYSTEMS DESIGN ENGINEERING		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	**1524-1002**	**SEMESTER**	**2nd**
COURSE TITLE	**ENGLISH (ESP/EOP)**		
INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits*		**WEEKLY TEACHING HOURS**	**CREDITS**
Lectures		**3**	**2**
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).			
COURSE TYPE *general background, special background, specialised general knowledge, skills development*	Specialised General Knowledge		
PREREQUISITE COURSES:	NONE		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	ENGLISH		
COURSE DELIVERED TO ERASMUS STUDENTS	YES		
MODULE WEB PAGE (URL)	https://eclass.uowm.gr/		

2. LEARNING OUTCOMES

Learning outcomes
The course aims at enabling students to acquire the theoretical and practical background in English for Product & Systems Design Engineers and develop the skills required to understand and use scientific and academic English texts (e.g. papers, manuals, bibliography, etc.). **On successful completion of this module the learner will:** • be familiar with the function and use of scientific and academic terms, grammatical structures and discourse and capable of understanding discipline-related vocabulary and authentic scientific/academic texts • be capable of activating and integrating his already acquired knowledge in Product & Systems Design, so that understanding discipline-related vocabulary and texts becomes possible • produce written short but coherent texts (descriptions, comparisons, reports, etc.) • interpret and analyse information from diagrams, tables, etc.
General Skills
• Theoretical background and skills related to the understanding and use of the English language in discipline-related contexts • Ability to use scientific/ academic English to write short texts

3. COURSE CONTENTS

- TEXTS

Unit 1 – Industrial Design
Unit 2 – Elements & Principles of Design
Unit 3 – Materials I: Metals
Unit 4 – Materials II: Plastics
Unit 5 – CAD
Unit 6 – 3D Modelling

Unit 7 – Prototyping
Unit 8 – Brand Identity & Iconic Design
Unit 9 – Manufacturing Processes
Unit 10 – Packaging

- GRAMMAR

1. Tenses in academic discourse (revision)
2. Comparisons
3. Relative clauses
4. Passive Voice
5. Gerunds - Infinitives

4. TEACHING METHODS - ASSESSMENT

MODE OF DELIVERY	1. Lectures (in class, face to face)
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	• Visual aids • Applying teaching methods via e-class platform
TEACHING METHODS	
ASSESSMENT METHODS	• Language: English • Testing Method: final written exam (short answers, multiple choice questions etc.) • assessment is based on competent use of: i. reading comprehension of academic texts ii. linguistic structures

Activity	***Semester workload***
Lectures	30
Exercises on e-class	20
Course total	**50**

5. ATTACHED

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