

4.7 CE0470 – English Technical Terminology

(1) GENERAL

SCHOOL	ENGINEERING SCHOOL		
ACADEMIC UNIT	CIVIL ENGINEERING DEPARTMENT		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	CE0470	SEMESTER	4
COURSE TITLE	English Technical Terminology		
INDEPENDENT TEACHING ACTIVITIES <i>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</i>	WEEKLY TEACHING HOURS	CREDITS	
	2	3	
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	Special Background Course		
PREREQUISITE COURSES:	English Language (CE0160) English level B2 or higher is required for Erasmus incoming students		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek (English/Erasmus)		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	Yes		
COURSE WEBSITE (URL)	https://eclass.uniwa.gr/courses/CIV231/		

(2) LEARNING OUTCOMES

<p>Learning outcomes <i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.</i> <i>Consult Appendix A</i></p> <ul style="list-style-type: none"> • <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i> • <i>Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i> • <i>Guidelines for writing Learning Outcomes</i>
<p>Upon successful completion of the course the student will be able to:</p> <ol style="list-style-type: none"> 1. Identify verbal, grammatical and speech objects in official English written and audio texts for specific purposes (English for specific purposes - ESP). 2. Understand ESP language structures in authentic texts by activating previously acquired knowledge in Civil Engineering subject matter

3. Evaluate and use text information by creating short texts (reports, descriptions, instructions, comparisons of procedures, etc.) on topics of Civil Engineering subjects
4. Interpret and analyze technical information in diagrams, tables, etc.

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?;

Search for, analysis and synthesis of data and information, with the use of the necessary technology
Adapting to new situations

Decision-making
Working independently

Team work

Working in an international environment
Working in an interdisciplinary environment
Production of new research ideas

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Adapting to new situations

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Team work

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Production of new research ideas

The course aims that the student acquires - practice the following general skills:

- Search for, analysis of, and synthesis of data and information, implementing appropriate technologies
- Independent work - Team work - Working in an international / interdisciplinary environment

(3) SYLLABUS

Vocabulary, grammar, syntax, structure, comprehension of text and spoken language, production of spoken (written & spoken) English language specializing in the technical subject of Civil Engineering. Introduction to terminology rendering methodology. Principles and methods of term formation. Standardization and terminology. ISO and ELOT (ΓGR) standards.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face-to-face in-class teaching. When needed, distance teaching (synchronous/asynchronous)														
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	Use of I.C.T. in Teaching and Student Communication														
TEACHING METHODS <i>The manner and methods of teaching are described in detail.</i> <i>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i> <i>The student's study hours for each learning activity are given as well as the hours of non- directed study according to the principles of the ECTS</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Activity</th> <th style="text-align: center;">Semester workload</th> </tr> </thead> <tbody> <tr> <td>In Class (/Distance) Teaching</td> <td style="text-align: center;">26</td> </tr> <tr> <td>Literature Study</td> <td style="text-align: center;">34</td> </tr> <tr> <td>Project assignment / Essay</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Project assignment / Essay</td> <td style="text-align: center;">15</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td>Course total</td> <td style="text-align: center;">90</td> </tr> </tbody> </table>	Activity	Semester workload	In Class (/Distance) Teaching	26	Literature Study	34	Project assignment / Essay	15	Project assignment / Essay	15			Course total	90
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STUDENT PERFORMANCE EVALUATION <i>Description of the evaluation procedure</i> <i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open- ended questions, problem solving, written work,</i>	Language of evaluation: Greek (English/Erasmus) Written examination, 2,5-hours Problem solving, Multiple choice test, Questions and Answers,														

<p><i>essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<p>Written Essay / Project</p> <p>The evaluation criteria are announced to the students well before the examination; weights per subject /exercise are explicitly indicated.</p> <p>The examination results (including total / partial grading) are announced on the web. Students may require to have access to their tests, they may ask for clarifications on mistakes, grading etc.</p>
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(5) ATTACHED BIBLIOGRAPHY

Greek Bibliography:

1. Λαμπράκου-Μπίτη Γεωργία, Βατίδου Μαρία, Technical English, Κωδικός Βιβλίου στον Εύδοξο: 13513, ISBN: 978-960-6674-39-6, Τύπος: Σύγγραμμα, Διαθέτης (Εκδότης): ΣΥΓΧΡΟΝΗ ΕΚΔΟΤΙΚΗ ΕΠΕ, 2009
2. Δημουλάς Δήμος, Technical English, Κωδικός Βιβλίου στον Εύδοξο: 68406869, ISBN: 9789604587452, Τύπος: Σύγγραμμα, Διαθέτης (Εκδότης): Εκδόσεις Επίκεντρο Α.Ε., 2017.
3. Stathoroulou Maria, Technical English for Architects, Civil Engineers and Surveying Engineers, Κωδικός Βιβλίου στον Εύδοξο: 59395006, ISBN: 978-960-266-419-3, Τύπος: Σύγγραμμα, Διαθέτης (Εκδότης): Σ.ΑΘΑΝΑΣΟΠΟΥΛΟΣ & ΣΙΑ Ι.Κ.Ε., 2016
4. Anne Vicary, English for Academic Study: Grammar for Writing – Study Book, Κωδικός Βιβλίου στον Εύδοξο: 77110190, ISBN: 9781782600701, Τύπος: Σύγγραμμα, Διαθέτης (Εκδότης): Ανδρέας Μπέτσης, 2016
5. Colin Campbell, English for Academic Study: Vocabulary 2012 edition - Study Book, Κωδικός Βιβλίου στον Εύδοξο: 59395820, ISBN: 9781908614438, Τύπος: Σύγγραμμα, Διαθέτης (Εκδότης): Ανδρέας Μπέτσης, 2012
6. Kyriaki Tsohatzi-Folina, English Terminology In Civil Engineering-Infrastructure Works, Κωδικός Βιβλίου στον Εύδοξο: 89956, ISBN: 960-287-075-3, Τύπος: Σύγγραμμα, Διαθέτης (Εκδότης): ΚΥΡΙΑΚΗ ΦΟΛΙΝΑ, 2006.
7. Πέππα Ιφιγένεια, English for Engineers, Κωδικός Βιβλίου στον Εύδοξο: 16249, ISBN: 978-960-286-972-7, Τύπος: Σύγγραμμα, Διαθέτης (Εκδότης): Γ.ΠΑΡΙΚΟΣ & ΣΙΑ ΕΕ, 2008.
8. Αγγλικά ΕΠΑΛ, Τομέας Δομικών Έργων, Δομημένου Περιβάλλοντος & Αρχιτεκτονικού Σχεδιασμού, Υπ. Παιδείας, Έρευνας κ Θρησκευμάτων, Ινστιτ. Εκπαιδευτικής Πολιτικής, νστ. Τεχνολογίας Υπολογιστών κ Εκδόσεων «ΔΙΟΦΑΝΤΟΣ», Φάκελος Υλικού, http://www.iep.edu.gr/images/IEP/EPISTIMONIKI_YPIRESIA/Epist_Monades/B_Kyklos/Humanities/2019/Agglika_EPAL/EPAL%20DOMIKON_all.pdf
9. Vatidou, M. & Lambrakou-Bitis, G., Technical English for Civil, Engineers, Surveyors and Architects. ΣΥΓΧΡΟΝΗ ΕΚΔΟΤΙΚΗ ΕΠΕ Publications. 2nd ed. Eudoxus ref. 13513, ISBN: 978-960-6674-39-6, 2009

Complementary Bibliography:

1. Οι διεθνώς τυποποιημένες διαγλωσσικές «αρχές σχηματισμού όρων» (κατά ISO) http://www.eleto.gr/download/Orogramma/Or102_V05.pdf
2. Κ. Βαλεοντής, Τα νέα πρότυπα ΕΛΟΤ 561 και ΕΛΟΤ 402 (Ανοικτή συζήτηση στο 6ο Συνέδριο «Ελληνική Γλώσσα και Ορολογία») http://www.eleto.gr/download/TermBases/TERMTERM_6thConference-RoundTable_GR.pdf