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Ämne: Accredited Educational Course English Language for Mechanical Engineers

Organisation: Olga Miščenko

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Projekt namn: Accredited Educational Course English Language for Mechanical Engineers

Kort summering:

The educational book Meet English Language Technical Terms has been prepared for the students, studying Mechanical engineering.

Projekt hemsida: <http://moodle.vgtu.lt/course/view.php?id=1821>

Slide share: <http://moodle.vgtu.lt/course/view.php?id=625>

Kort sammanfattning om magnitud:

Linking: moodle.vgtu.lt – Login as someone else – User's name: vgtuguest Password:vgtuguest – My courses – Angly kalba 1 and Angly kalba 2 All students, who study at Mechanical Engineering Department, can study grammar and some of the Units according to the course specialty.

There is the possibility to use the electronic version of the book.

Each Unit is supplied with the material in WORD and PDF formats.

Each Unit is supplied with complete video film (14). The illustrated material by PPT with in PDF format have been added. Video films concerning Lectures totally last 5 h. 57 min.

Grammar theory with illustrations is presented by PPT, PDF format and video films (16). Video films concerning grammar totally last 5 h.22 min.

About 70% of lexical-grammatical exercises are integrated into VGTU Moodle system and can be performed using the electronic system, thus ensuring the best feedback, and the level of the students' practical skills and knowledge.

Beside them, the students of various knowledge levels, studying Basic English can watch video films dealing with grammar, that are presented by PPT, in PDF format.

Argument for nominering:

The educational course Meet English Language Technical Terms has been prepared for the students, studying Mechanical Engineering by distance.

It consists of 14 Units.

The units have got clear structure: I Wordlist; II Pre-reading; III Reading; IV Comprehension; V Making up questions; VI Vocabulary practice; VII Grammar exercises; VIII Choose the correct word; IX Verb forms; X Video film discussion.

The following topics have been included for TASKS I, II and III: LATHES DESIGN, THEIR PARTS AND ACCESSORIES, OPERATION, TYPES AND VARIETY; HOW AUTOMOBILE ENGINES WORK, THEIR DESIGN; SOME MAIN CONCEPTS IN PHYSICS, NEWTON'S LAWS OF MOTION; ROBOTICS, A CAR ASSEMBLY LINE; A SURFACE GRINDER AND ITS LUBRICATION; THE ELECTRIC MOTORS, THEIR TYPES; SHAPE MEMORY ALLOYS AND THEIR APPLICATION; DRILLING MACHINES, THEIR OPERATION AND ACCESSORIES; SPRINGS, THEIR TYPES, USE AND MATERIALS; BEARINGS, THEIR TYPES, USE AND MATERIALS; GEARS, THEIR TYPES, PRODUCTION, USE AND MATERIALS; PLASTIC MATERIALS; OPERATING DIAGNOSING EQUIPMENT, SENSORS; CONTROL THEORY; NUCLEAR POWER PLANT ITS STRUCTURE AND OPERATION; OTHER SOURCES OF ENERGY; SAFETY AT WORK; ECOLOGY: SAVING ENVIRONMENT; MECHANICAL ENGINEER CAREERS.

The material for the exercises in TASKS IV, V, VI, VII and video films in TASK X is concerned with the subjects, taught at the Technical University.

TASK VIII includes material for repeating, checking and correcting mistakes, about articles, adjectives, adverbs, degrees of comparison, prepositions and some groups of synonyms, used in every-day life.

TASK X in each unit contains an exercise for irregular verbs repeating and learning.

At the end of the book new grammar theory explanation material on GERUND, PARTICIPLE, INFINITIVE AND THEIR CONSTRUCTIONS, their use and interpretation is given.

The course aims at the following skills development:

Reading: to develop the skills of the students to read a broad range of material, concerned with the speciality.

Listening: to develop the students' ability to understand native language speakers talking about mechanical engineering, equipment and affairs involved.

Speaking: to develop the skills to exchange information and opinions at their future workplace.

Writing: to give possibility to improve skills on writing descriptions and explanations about topics, concerning Mechanical Engineering.

Language: to develop and extend both, understanding and use of the grammar and linguistic structures, and functions for studying at intermediate and advanced levels.

The range is made up of:

- ☐ essential key points of grammar
- ☐ includes terms and material important for the future specialist
- ☐ gives opportunity to develop skills in reading, listening, writing and speaking.

Lithuanian and English speaking students, going in for studies Mechanical Engineering, also those, who study according other forms of studies can be enrolled in the group.

All students, who study at Mechanical Engineering Department, can study grammar and some of the Units according to the course speciality.

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Email-sent by contact form from Boldic <http://www.boldic.org>