

APPROVED BY

 Director of the School of
Advanced Manufacturing Technologies
Alexey N. Yakovlev

Course Name
Foreign Language for Specific Purposes

Field of Study: Major 22.04.01 Material Science and Technologies

Programme name: Material Science

Level of Study: Master Degree Programme

Year of admission: 2019

Semester, year: 1,2 2019

ECTS: 6

Total Hours: 216

Contact Hours: 128

- **Lectures:** 0
- **Labs:** 0
- **Practical experience:** 128

Assessment: credit test

Division for Materials Science

Head of Division for Materials Science  Vasiliy A. Klimenov

Instructor(s)  Mikhail V. Burkov

Course Name

Course Overview

Course Objectives	<p>The goal of this course is to provide knowledge of professionally-related vocabulary in the field of Materials science and mechanical engineering as well as competence in making presentations and conducting scientific research.</p> <p>The course will help students to write and analyze technical texts, interpret the scientific information and prepare and deliver presentations.</p>
Learning Outcomes	<p>After completion of the course the students should be able to demonstrate:</p> <ul style="list-style-type: none"> - experience in searching and summarizing the scientific information (plots, graphs, drawings, tables) and writing and editing research papers according to the requirements of academic style; - communication skills in the scientific fields of materials science and engineering.
Course Outline	The course involves practical classes and self-study.
Prerequisites (if available)	Foreign language (English)
Course Structure	<p>The course consist in following parts</p> <ul style="list-style-type: none"> • Translation of scientific articles (written translation); • Oral translation of the texts; • Making the presentations on the scientific subjects; • Preparing article reviews; • Translation of the video fragments;
Facilities and Equipment	Practical classes are conducted in specialized classrooms; computers are connected to the network of the School of Advanced Manufacturing Technologies with access to the internet.
Grading Policy	<p>In accordance with TPU rating system we use:</p> <ul style="list-style-type: none"> - Current assessment which is performed on a regular basis during the semester by scoring the quality of mastering of theoretical material and the results of practical activities (performance tests, perform tasks, problem solving). Max score for current assessment is 60 points, min – 33 points. - Course final assessment (exam/ credit test) is performed at the end of the semester. Max score for course final assessment is 40 points, min – 22 points. <p>The final rating is determined by summing the points of the current assessment during the semester and exam (credit test) scores at the end of the semester. Maximum overall rating corresponds to 100 points, min pass score is 55.</p>
Course Policy	Class attendance will be taken into consideration when evaluating students' participation in the course. Students are expected to actively engage in class discussions about the assigned readings.
Teaching Aids and Resources	<p>Murphy R. English Grammar in Use. A self-study reference and practice book for intermediate learners of English with answers, 4th ed. – Cambridge: Cambridge University Press, 2012.</p> <p>English for Academic purposes: www.elanguages.ac.uk</p> <ol style="list-style-type: none"> 1. www.sciencedirect.com 2. www.scopus.com 3. www.lingvo.ru

Instructor (-s)	Mikhail V. Burkov, burkovspms@mail.ru , (3822) 286922
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