COURSE DESCRIPTION CARD - SYLLABUS

Course name
Diploma seminar I [S1MiTPM1>SD1]

Course

Field of study
Materials and technologies for automotive industry

Year/Semester
3/6

Area of study (specialization)
–

Profile of study
general academic

Level of study
first-cycle

Course offered in
Polish

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture
0

Laboratory classes
0

Other
0

Tutorials
0

Projects/seminars
15

Number of credit points

1,00

Coordinators

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Lecturers

Prerequisites

Students should have basic knowledge covering key issues in the field of materials and their technologies in automotive industry, they should have the ability to think logically, plan an experiment, select methodology and merhods for solving tasks. Students should know the role of automotive technology and materials in the development of society

Course objective

Familiarizing students with the process of editing a diploma thesis, ongoing supervision over the progress of the theses. Exchange of opinions and assessments on projects carried out as part of the diploma dissertation and on issues related to the course of studies applicable during the diploma examination. Developing the ability to present the results of your own work.

Course-related learning outcomes

Knowledge:
1. Students have knowledge of the basic concepts and principles of copyright protection.

Skills:

1. Students are able to plan and carry out experiments, computer simulations, interpret the obtained results and draw conclusions.
2. Students are able to obtain information from various sources.
3. Students are able to prepare and present an oral presentation in Polish and English on specific issues in materials and technologies in automotive industry.

Social competences:
1. Students can work in a group.
2. Students understand the need for lifelong learning; they can inspire and organize the learning process of other people.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

The knowledge acquired as part of the exercises is verified on the basis of the presentation of issues related to the topic of the diploma thesis in the field of: literature review, patents, assumptions, goals, methods of solving the given problem and on the basis of the presentation of issues related to the course of study in the diploma examination.
The skills acquired during the classes are checked on an ongoing basis in the form of an oral presentation on the diploma thesis and examination issues, as well as in the form of a text on examination issues. Each presentation/description requires a positive grade to complete the course.

Programme content

Discussion of the diploma process, examination issues and assumptions of the diploma thesis

Course topics

1. Familiarizing students with the requirements for engineering theses and editorial requirements
2. Familiarizing students with copyright and anti-plagiarism program
3. Familiarizing students with the course of the thesis preparation process and the course and requirements for the diploma examination
4. Familiarizing students with the issues related to the diploma examination and reviewing the knowledge acquired by students during their studies
5. Determining and discussing the topics of theses
6. Discussion of issues related to the diploma theses in relation to the review of the current state of the issue.

Teaching methods

1) Multimedia presentation

Bibliography

Basic:
1. Affeltowicz J., Ogólne podstawy pisania technicznych prac dyplomowych : pomocnicze materiały dydaktyczne, Wyd. Politechnika Gdańska, Gdańsk, 1980.
2. Żółtowski B., Seminarium dyplomowe: zasady pisania prac dyplomowych, Wyd. Akademia Techniczno-Rolnicza w Bydgoszczy, Bydgoszcz, 1997.
3. Opoka E., Uwagi o pisaniu i redagowaniu prac dyplomowych na studiach technicznych, Wyd. Politechnika Śląska Gliwice, 1996.

Additional:
1. Dobre obyczaje w nauce. Zbiór zasad i wytycznych (wyd. 3), Wyd. PAN Warszawa, 2001.

Breakdown of average student's workload

	Hours	ECTS
Total workload	28	1,00
Classes requiring direct contact with the teacher	15	0,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	13	0,50