

Course title: Selected Topics in Modern Physics
Institute (Faculty) Institute of Physics (Faculty of Materials Engineering and Physics)
Number of contact hours: 15 hours
Course duration: 1 semester
ECTS Credits: 2 ECTS

Course Description:

Course goals include providing students with an overview of selected topics in modern applied physics. Prior knowledge and skills related to undergraduate courses in science or engineering are not essential.

Learning outcomes will include ability to use a variety of reliable sources of technical information. The course will provide with competences to engage in further self-study in the field of applied modern physics.

Literature:

J.D. Walecka, *Topics in Modern Physics*, World Scientific (2013).

Course type: Lectures (15 h)
Assessment methods: Attendance, Projects
Prerequisites: none
Intended for: full-time MSc programme at the postgraduate level
Lecturer: Dr Robert Gębarowski
Contact person: Dr Robert Gębarowski (rgebarowski@pk.edu.pl)

The course is offered for Academic Year 2020/2021(version 6.05.2020)