

Course Description

The course "Quantum and optoelectronics" refers to the variable part of interdisciplinary professional module.

The aims of this discipline are:

in the field of education - the formation of specialized knowledge, skills, calculation and design skills, and competences in the field of modern high-performance electronic systems;

in the field of training - to teach students to work effectively in a team and individually, to show the skills necessary for professional, personal development;

in the field of professional activity - to prepare students for the further development of new professional knowledge and skills, self-learning, continuous professional self-improvement.

The goal is also achieved by using the following modalities: Lectures (8 hrs.), Practical exercises (24 hrs.), Laboratory work (16 hrs.), self-learning of the students (168 hrs.). The goal is achieved with the use of modern multimedia technology and laboratory equipment.