

Summary

“ Equipment for Packaging and Prepackaging Pharmaceutical and Microbiological Production”

for students of all forms of education

Credit module «Equipment for Packaging and Prepackaging Pharmaceutical and Microbiological Production» is part of a cycle independent choice of educational institution in the direction of preparation Mechanical Engineering speciality Equipment of Pharmaceutical and Biotechnological Productions for students 2 course (4 semester).

The discipline of the department realized Department of Bioengineering and Biotechnies Faculty of Biotechnology and Biotechnies *NTYY «KPI»*.

In credit module "Equipment for Packaging and Prepackaging Pharmaceutical and Microbiological Production" examines the classification principle of technological equipment, technical characteristics, operation, calculation of key indicators of the topics Automatic packaging products, Equipment for bottling and packaging products, Rozfasovochno packaging machines, Etykirovochni machines, Automatic lines for obanderolennya packing. Get

knowledge:

- knowledge standards for regulatory clearance of design and technical documentation
- knowledge of methods and means of performance technical computing, computing and graphic works

the ability to:

- conduct theoretical and experimental research in the field of engineering equipment and vehicles, using modern methods of experimental design, computer technology;
- find the optimum and rational modes of technical equipment;
- choose the technological equipment on the basic parameters for use in industry;
- evaluate the technical condition of the machine, perform ocnovni calculations and make the necessary technical documentation, design and construct technological equipment industry;
- improve and optimize existing production equipment, lines based on system analysis and requirements as raw material to finished product;

skills:

- modern methods of diagnostics of technological equipment, organization and implementation of preventive and repair work;
- technical control, development of technical documentation on the adherence of the equipment in terms of current production. For successful learning the student must work out lecture materials, to be able to use this knowledge to solve a specific problem.

Developer summary *Mel'nyck Viktorija Mykolaivn, Professor, head of the Department of Bioengineering and Biotechnies*