COMMERCIALISATION OF RESEARCH RESULTS AND TECHNOLOGY TRANSFER

(course title)

COURSE TO THE PRACTICE PROGRAM OF HIGHER EDUCATION INSTITUTIONS

Speciality 7-06-0714-02 "Innovative technologies in mechanical engineering"

Profiling Innovative technological systems

	Форма получения высшего образования	
	Очная (дневная)	Заочная
Year	2	2
Semester	3	4
Lectures, hours	16	4
Practical (seminar) classes, hours	16	4
Report, semester	3	4
Classroom hours per academic discipline	32	8
Independent work, hours	168	192
Total hours per academic discipline / credit units	200/6	

1. Summary of the academic discipline

Basic concepts of R&D. Innovative modes "market pull" and "technological push". Stages of commercialization of R&D results. R&D results as a basis for intellectual property. Evaluation of commercial potential of applied scientific development. The role of marketing in commercialization of an innovative project. Search for potential partners to promote the results of scientific and technological research. Technological transfer.

2. Learning outcomes

to know:

- basic concepts and terms in the field of commercialization of research results;
- basic provisions of international and national legislation in the field of commercialization of research results;
- the structure of the innovation cycle, the meaning and features of each of its stages;
- the procedure for registration and protection of rights to intellectual property;

be able to:

- identify the results of scientific research activities;
- determine the commercial potential of the results of scientific research and development;
- select a strategy and develop projects for the commercialization of results;
- identify objects of intellectual property and select optimal forms of their legal protection;
- manage intellectual property in conducting scientific research and development and implementing projects to create new technologies;

have the skill:

- skills in drawing up contracts for the transfer of property rights to intellectual property;
- skills in building mutually beneficial commercial relations when implementing the results of research activities in the sphere of production and services.

3. Formed competencies

To implement the results of scientific research activities in the sphere of production and services

4. Requirements and forms of current and interim certification.

The form of the current certification (PA) is a credit.