

SCIENTIFIC RESEARCH WORK OF STUDENTS

(course title)

COURSE SYLLABUS ABSTRACT

of higher education institution

speciality

Specialty 1-27 01 01 "Economics and organization of production"

Direction of the specialty 1-27 01 01-01 "Economics and organization of production (engineering)"

Specialization 1-27 01 01-01 02 "Organization of the use of production resources in mechanical engineering"

	Form of higher education
	Full-time (daytime)
Year	4
Semester	8
Lectures, hours	32
Practical classes (seminar), hours	16
Exam, semester	8
In-class test (semester, hours)	48
Independent study, hours	102
Total course duration in hours / credit units	150 / 5

1. Course outline

The discipline "Scientific research work of students" in content characterizes the scope of research activities, the procedure for the formation and execution of its results.

2. Course learning outcomes:

- know: the content of the main categories of research work of students; modern methods of organization of research work of students; modern methods and technologies of research work of students; the content of the research work of students (methods, documents, procedures).
- be able to: evaluate the results of scientific research; develop a research strategy; apply the basic techniques and technologies of research work; use the techniques and methods of research work in practice; analyze research results; combine theoretical aspects of research with practice at enterprises of the Republic of Belarus;
- possess: methods of scientific research; research technologies.

3. Competencies

Codes of generated competencies	Names of competencies being formed
SC-10	Be able to write a research paper using TRIZ techniques, format the research results in accordance with the standards

4. Requirements and forms of midcourse evaluation and summative assessment.

The following forms are used to diagnose competencies: oral; written; oral-written.

To assess the level of knowledge of students, the following diagnostic tools are used:

- Oral competencies include: interview during individual and group consultations; reports at the conference;
- written form: tests;
- oral-written form: reports on practical work with their oral defense; exam.