Industrial design
(course title)

# COURSE SYLLABUS ABSTRACT

1-36 07 02 Production of products based on three-dimensional technologies
(speciality code and name)

| | STUDY MODE | |
|---|---|---|
| | full-time | part-time |
| Year | 3 | 4 |
| Semester | 6 | 7 |
| Lectures, hours | 34 | 6 |
| Laboratory classes, hours | 16 | 4 |
| Practical classes (seminars), hours | 16 | 4 |
| In-class test (semester, hours) | | 7 semester (2 hours) |
| Exam, semester | 6 | 7 |
| Contact hours | 66 | 16 |
| Independent study, hours | 42 | 92 |
| Total course duration in hours / credit units | 108/3 | |

1. Course outline

Corporate identity, its main elements and media. Theoretical concepts of design. Industrial design. Methods and means. Composition theory. Color theory. Ergonomics in design design.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know**:** basics of work in modern computer-aided design systems; know the basics of diagnostics of technological systems, diagnostic methods;

be able to**:** apply the acquired knowledge on industrial design based on own design solutions or borrowed ones; apply modern modeling methods, use industrial design elements;

possess: modern skills on PC and other computer equipment; modern design systems; latest developments in industrial design.

3. Competencies

SK-13 Own the basics of industrial design to improve the external data of manufactured objects, be able to choose and use modern graphics programs.

4. Requirements and forms of midcourse evaluation and summative assessment

– verbal-written: protection of practical classes, laboratory protection, exam.