

Code: 40 „INNOVATION MANAGEMENT”

ECTS credits: 7

Number of hours per week: 2+1+0

Forms of assessments: Continuous assessment

Types of assessment: Continuous assessment mark - Achievement tests

Department, providing instruction on the discipline:

Department: *INDUSTRIAL MANAGEMENT*

FACULTY OF MECHANICAL ENGINEERING AND TECHNOLOGIES

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Annotation:

The aim of the course is to give the students of Industrial Inanagement theoretical knowledge and practical skills for Innovation management - introduction of new products, processes, new ways of marketing, new organization of work in the practice of enterprises. It is discussed:

- The need for innovation, types of innovation and sources of innovation;
- Innovative process and innovation lifecycle;
- Development of an innovation strategy and policy;
- Innovation planning and financing;
- Organization of the innovation process;
- Generating ideas for innovation;
- Characteristics of the main types of innovation;
- Utilization of innovation projects for the realization of innovations;
- Planning, budget and resources of innovative projects;
- Completion of innovative projects.

The subject is divided into lectures, laboratory exercises and course work.

Main sections of the content:

- Innovation and innovation process;
- Innovation strategy and policy;
- Innovation planning and financing;
- Organization of the innovation process;
- Generating ideas for innovation;
- Characteristics of the main types of innovation;
- Introduction to the management of innovative projects;
- Planning, budget and resources of innovative projects;
- Implementation of innovative projects;
- National and regional innovation system. Clusters of innovative companies;
- State and corporate policy in the field of innovation;
- Research and Innovation for Sustainable Growth;
- National Strategy for Development of Scientific Research in Republic of Bulgaria until 2020;
- Sources of financing of innovation development

Form of delivering educational content: The content is taught in lectures and laboratory exercises. Course work is also planned.

