



Course Syllabus

1. Course Title:

Digital economy

2. Academic Level:

Master

3. ECTS Credits:

5 ECTS

4. Semester:

1, autumn semester

5. School/Department:

Faculty of Management

6. Location:

200/1 Stachki Avenue, Rostov-on-Don

7. Instructor:

Prof. Tatiana Beliatskaya, e-mail: beltan@tut.by

8. Language of Instruction:

English

9. Course Description:

The course is designed to provide a set of knowledge about national economic systems in the context of the digitalization of economic sectors, as well as the digitalization of economic management processes; a set of skills for analyzing electronic markets and certain aspects of the activities of organizations in the e-business industry.

10. Course Aims:

Equip students with the system of knowledge, skills and competencies needed to use the methodology of digital economy development, a set of instruments of e-business organization analysis; to be able to solve professional problems based on knowledge (at an advanced level) of economic, organizational and management theory, innovative approaches, generalization and critical analysis of management practices; to be able to manage the digital transformation of an organization's business.

11. Specific entry requirements (if any):

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12. Course Content:

Genesis of digital economy and digital transformation
Institutional development as a basis of digital economy and digital business
ICT as a factor of digital transformation
E-business as a core digital economy industry
E-markets
Development of core e-markets and core digital industries

13. Intended Learning Outcomes:

Knowledge: development of electronic economic systems at the macro and micro levels; factors of development of electronic economic systems; methods of digital transformation of the organization; methods of analysis of electronic markets and e-business organizations

Skills: making decisions on the directions of development of the national electronic economic system, on the development of electronic business, on the methods and mechanisms of digital transformation of business processes.

14. Learning and Teaching Methods:

The course contains lectures in English with a variety of case-studies, seminars in English covering the main topics of the course and discussing issues with the students, analytical models, practical training in English with the study of business cases on the subject of the course, as well as group work of students in business case analysis, discussion of self-training results with the students.

15. Methods of Assessment/Final assessment information:

Tests, criteria – number of right answers (more than 50%);
Homework, criteria – adopting theoretical knowledge to practical situations;
Colloquium, criteria – the completeness of the disclosure of the theoretical question.

Grades will be evaluated on the scores of the assignments from grades A to F.

Grade	Score
A	85 - 100
B	71 - 84
C	60- 70
D	50 - 59
F	49 and under

*Minimum Course Requirement: E or above