Faculty: FACULTY OF TELECOMMUNICATIONS AND MANAGEMENT
Department: GENERAL ENGINEERING
Professional Field: 5.13. GENERAL ENGINEERING
Specialty: DIGITAL PUBLIC ADMINISTRATION
Educational-qualification degree: BACHELOR

LEARNING COURSE DESCRIPTION

1. Course title: ENGINEERING PSYCHOLOGY
2. Course code: B.48.055.2
3. Type of the course: Elective
4. Level: *Bachelor*
5. Year of study: Third
6. Semester: *Sixth*
7. Number of credits: 3
8. Name of the lecturer: *Assoc. Prof. Liubov Ilieva, PhD*
9. Course learning outcomes:

The aim of the course is to give students in a systematic way basic knowledge in the field of engineering psychology in the context of interaction between the human and technic.

Students who have completed their training in the discipline must acquire:

Basic knowledge of the essential principles and specific characteristics of the engineering psychology in the respective of interaction between the human and technic.

Practical skills in the engineering psychology in the environment of the interaction with technic.

Competencies: Upon completion of the course, students must have mastered practical skills in the sircomstanses of interaction with technical tools, especially those, using artificial intelligence.

10. Teachingmethods:

The teaching method is in lecture using multimedia and cocncret practictal issues.

11. Prerequisites:

Students should have a thorough knowledge of the, Production management, Fundamentals of digital entrepreneurship, Entrepreneurial and leadership digital competencies.

Courses using the discipline are: Protection of users of digital public services, Creating digital content in an administrative environment.

12. Course contents:

The course deals with current topics in the field of communication, digital communication, connections and relations in the digital sphere and specifics of PR in the administrative environment.

13. Bibliography

Basic literature:

1. **Durso F., DeLucia P**. (2010), "Engineering Psychology", The Corsini Encyclopedia of Psychology, vol. 2, John Wiley and Sons, pp.573–576.
2. **Licht, D; Polzella; Boff K**., "Human factors, ergonomics, and human factors engineering: An analysis of deinitions" 16 July 2011.

.Additional literature:

1. **Фугелова Т.А. „**Инженерная психология“, Москва, Юрайт, 2019.

14. Assessment methods and criteria:

The course ends with an ongoing assessment. The student's individual and team work is taken into account during the semester.

1. Requirements for the assessment of the six-point system

The course grade is formed by a point system, the maximum number of points students can receive is 100 (see Table 1). They are formed by one practical assignment, developed in a team of several students, assigned by the lecturer of the course.

Forming an assessment in the training course at each of the above stages, according to the points obtained and their ranking according to the six-point system is given in Table 1.

Table 1.

Number of points	Assessment According to the 6-point Scale System
0 – 20	Fail 2 **(**F)
20 – 39	Fail 2 (FX)
40 – 49	Satisfactory 3.00 (E)
50 – 59	Satisfactory 3.00 (D)
60 – 69	Good 4.00 (C)
70 – 84	Very good 5.00 (B)
85 – 100	Excellent 6.00 (A)

15. Language of instruction: *Bulgarian*