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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Occupational Safety in Niš |
| **GENERAL INFORMATION** |
| Study program  | Occupational Safety |
| Study Module (if applicable) | / |
| Course title | Occupational Psychophysiology |
| Level of study | ☒ Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☒ Elective |
| Semester  | ☐ Autumn ☒Spring |
| Year of study  | Fourth |
| Number of ECTS allocated | 5 |
| Name of lecturer/lecturers | Snežana Živković |
| Teaching mode |  ☒Lectures ☒Group tutorials ☒ Individual tutorials ☐Laboratory work ☐ Project work ☒ Seminar ☐Distance learning ☐ Blended learning ☒ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Acquiring basic knowledge about occupational psychophysiology, it’s role and importance, especially for safety, health improvement, and work success. Occupational psychophysiology is studying the dynamic of mutual relations that exist between psychophysiological characteristics of man and work activities. The problem that this scientific discipline processes is related to the physiological and psychological legitimacy of the work of man, and how those physiological processes that take place automatically (vegetation control), without the participation of our direct voluntary control as well as for the psychological processes that are manifested in the conscious plan, involving our entire personality. Occupational psychophysiology is centered around physiological bases of psychological processes involved in or allow work activity of man as well as psychological and physiological status and functions of the man in the performance of work activities, and their mutual relations with the external, physical and social environment. Mastering the program content enables students to acquire knowledge about the state of man in the process of work and the possibilities for protecting and preserving the physical and mental health.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Influence of work on psychophysiological processes; effects in human organism influenced by work (work load) in a specific occupational environment. Basic physiological processes and adaptation during work (bioenergetics during work); Cardiovascular and respiratory systems and their adaptation during work; Neurological and psychological functions and their role during work (sensation, perception, attention, representations, memory, thought, and feeling); Personality (properties, traits, capabilities, and types). Effect of motivation on personality behaviour (psychological reactions and defence mechanisms); The term adaptation. Methods of familiarizing with people, measuring their traits, knowledge, and capabilities (psychometric methods, knowledge tests, skill tests, methods of determining employee success at work); Fatigue (types of fatigue, physiological basis of fatigue, objective and subjective signs of fatigue); Occupational stress, occupational injuries (alcoholism and professional traumatism). Practical lessons are carried out through exercises, study research work and other teaching modes. |
| **LANGUAGE OF INSTRUCTION** |
| ☒Serbian (complete course) ☐ English (complete course) ☐ Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)☐Serbian with English mentoring ☐Serbian with other mentoring \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **ASSESSMENT METHODS AND CRITERIA** |
| **Pre exam duties** | **Points** | **Final exam** | **points** |
| **Activity during lectures** | **10** | **Written examination** |  |
| **Seminar** | **20** | **Oral examination** | **40** |
| **Teaching colloquia** | **30** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |