

Title Reliability of man	Code 1011102121011120478
Field Safety Engineering - Full-time studies - Second-cycle studie	Year / Semester 1 / 2
Specialty Work Safety Management	Course elective
Hours Lectures: 1 Classes: 15 Laboratory: - Projects / seminars: -	Number of credits 2
	Language polish

Lecturer:

dr inż. Małgorzata Sławińska
Wydział Inżynierii Zarządzania
ul. Strzelecka 11, 60-965 Poznań
tel. +48 61 665 34 38
e-mail: malgorzata.slawinska@put.poznan.pl

Faculty:

Faculty of Engineering Management
ul. Strzelecka 11
60-965 Poznań
tel. (61) 665-33-74, fax.
e-mail: office_fem@put.poznan.pl

Status of the course in the study program:

elective object

Assumptions and objectives of the course:

Cognition and understanding of principal theoretical and practical aspects of a rational formation of optimum for work conditions. Getting the ability of applying the concept of composite cognition in design and use of technologies relate to work.

Contents of the course (course description):

The idea of reliability, reliability in system approach, formation of measures of reliability of man, psychological abilities of a man that form principles for prediction of errors, practical use of the knowledge on man's reliability, psychological concept of regulations of difficult situations. States of a man and his reliability (tiredness, monotony, stress), the role of a man in provision of reliance in the man ? to ? technology system, algorithm for analysis of a system from the point of view of the human factor, control of balance between possibilities and requirements, appliance of the theoretical approach of cognitive psychology ? i.e. cognitive ergonomics.

Introductory courses and the required pre-knowledge:

Basic knowledge in ergonomics and techniques.

Courses form and teaching methods:

Lecture and classes

Form and terms of complete the course - requirements and assessment methods:

Individual work at the end of the semester

Basic Bibliography:

Additional Bibliography: