

Title <b>(Niezawodność człowieka)</b>	Code <b>1011102121011120046</b>
Field <b>Safety Engineering - Full-time studies - Second-cycle studies</b>	Year / Semester <b>1 / 2</b>
Specialty <b>Ergonomics and Work Safety</b>	Course <b>elective</b>
Hours Lectures: <b>1</b> Classes: <b>15</b> Laboratory: -    Projects / seminars: -	Number of credits <b>2</b>
	Language <b>polish</b>

**Lecturer:**

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**Status of the course in the study program:**

Reliability of man

**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:**