COURSE DESCRIPTION CARD - SYLLABUS

Course name

Master thesis

Course

Field of study

Safety Engineering

Area of study (specialization)

Security and Crisis Management

Level of study

Second-cycle studies

Form of study

part-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

Number of credit points

15

Lecturers

Responsible for the course/lecturer:

Ph.D., D.Sc., Eng. Małgorzata Sławińska, University Professor

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Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60- 965 Poznań

Responsible for the course/lecturer:

Ph.D., D.Sc., Eng. Beata Mrugalska,

Mail to: beata.mrugalska@put.poznan.pl

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Prerequisites

Knowledge of the subjects covered by the education programme in second-cycle studies in the field of

Safety Engineering. Ability to independently seek knowledge, logical thinking, creativity, the ability to predict the consequences of own actions and other peoples actions.

Course objective

Acquainting the students with a methodology of preparation MA thesis. Practising skills of solving problems within occupational safety and ergonomics. Preparing for the defence of the thesis.

Course-related learning outcomes

Knowledge

- knows issues in fiels of ergonomics, macroergonomics, safety of work, and design methodology with considering safety requirements, [P7S_WG_02]

- knows principles of preparation and conduct of research in ergonomic fiels and safety of work, [P7S_WK_01

- knows trends in the development and best practises concerning safety ingeneering, [P7S_WK_02]

Skills

- is able to appropriately select source and information derived from them, makes evaluation of critical analysis and information synthesis, form requests and comprehensively justify an opinion, [P7S_UW_01]

- is able to use different technics in order to communicate in work environment and others environment, [P7S_UW_02]

- is able to recognize and form in engineering tasks system aspects and non-technical skills, as well as social and technical, organizational, and economic, [P7S_UW_03]

- is able to use testing, analytical, simulation and experimental methods for solving engineering tasks, also with use of methods and information and communication devices, [P7S_UW_04]

- is able to present, in written Polish and English lanuage, way of solving ergonomic and safety of work problems, [P7S_UK_02]

Social competences

- is able to initiate activities connected with form and communicating information as well as cooperation in safety engineering, different groups functioning in society,

-is aware of necessity to act professional, obey ethics work rules and respect variety of opinion and cultures.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Evaluation of the presentation of thesis fragments and participation in the discussion.

Programme content

The methodology of writing thesis. Layout framework. Rules and editorial requirements. A discussion of problems covered by the thesis work.

Teaching methods

- working with book, description, classic problem method, explanation, case method.

Bibliography

Basic

1. Regulamin pisania pracy dyplomowej WIZ PP.
2. Szkutnik Z., (2005), Metodyka pisania pracy dyplomowej : skrypt dla studentów, Wydawnictwo Poznańskie, Poznań.
3. Babbie E. (2007), Badania społeczne w praktyce, PWN, Warszawa.

4. Czakon W., (2016), (red.) Podstawy metodologii badań w naukach o zarzadzaniu, Wydawnictwo Nieoczywiste - imprin GAB Media, Piaseczno.

5. Budniak E., Mateja B., Sławińska M.(2016), Specyfika kompleksowego ujęcia edukacji w zakresie ergonomii w bezpieczeństwie, Zeszyty Naukowe Politechniki Poznańskiej, Organizacja i Zarządzanie, Wydawnictwo Politechniki Poznańskiej, nr 69, s. 5-16.

Additional

1. Węglińska M., (2005), Jak pisać pracę magisterską?, Oficyna Wydawnicza "impuls", Kraków.
2. Kaszyńska A., (2008), Jak napisać, przepisać i z sukcesem obronić pracę dyplomową lub magisterską? Wydawnictwo Złote Myśli, Gliwice.

Breakdown of average student's workload

	Hours	ECTS
Total workload	300	15,0
Classes requiring direct contact with the teacher	20	1,0
Student's own work (literature studies, preparation for the final exam, master thesis) [1]	280	14,0

[1] delete or add other activities as appropriate