

### POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

# **COURSE DESCRIPTION CARD - SYLLABUS**

Course name

Diploma seminar [N2IBiJ1>SD]

Course

Field of study Year/Semester

Safety and Quality Engineering 2/3

Area of study (specialization) Profile of study

Quality and Ergonomics in Work Safety general academic

Course offered in Level of study

second-cycle Polish

Form of study Requirements part-time compulsory

Number of hours

Lecture Laboratory classes Other 0

0

**Tutorials** Projects/seminars

10

Number of credit points

1,00

Coordinators Lecturers

dr hab. inż. Małgorzata Jasiulewicz-Kaczmarek prof. PP

malgorzata.jasiulewicz-kaczmarek@put.poznan.pl

## **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:

1. A student has a structured and theoretically supported knowledge and is fimilar with facts specific for the methodology of writing a master's thesis with management and quality sciences, mechanical engineering as well as safety engineering [K2 W01].

Skills:

- 1. A student can properly choose sources, including literature and informations from there as well as assesses, make critical analysis, synthesis and creative interpretation those information, drawn conclusions and exhaustive justify their opinion during presentation of results in terms of methodology of writing a master's thesis [K2 U01].
- 2. A student can use methods and tools to solve complex and untypical problems as well as advanced information and comunication techniques characteristic for to achieve a framework problematic system of the master's thesis related to safety management in organizations [K2 U02].
- 3. A student can identify changes of requirements, standards, regulations, innovations and technological as well as economic reality and correctly use them in process of sovling problems in the areas of methodology and editing a master's thesis in safety engineering, quality, ergonomics and occupational safety as well as crisis management [K2 U06].

#### Social competences:

1. A student is critical in front of her/his knowledge, ready to consult of expert during solving cognitive and practical problems related methodology and editing of the master's thesis [K2 K01].

# 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.

Presentation evaluation criteria: requirements of the methodology of writing a master's thesis, including the formulated problem, purpose and scope of the work, and editorial / editing requirements of the master's thesis.

Criteria for evaluating participation in the discussion: recorded asking questions and formulating answers. for each question or answer in the discussed discussion, the student receives 10% of points. Scope of passing 51% of points:

Grading system:

Points Grade:

0 - 50 Fail (2)

51 - 59 Satisfactory (3)

60 - 69 More than satisfactory but less than good (3+)

70 - 79 Good (4)

80 - 89 Very good (4+)

90 - 100 Excellent (5)

#### Programme content

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

#### Course topics

none

#### Teaching methods

Conversational lectures, working wiht book, classic problem method, causerie, market of ideas, expert tables 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. Welskop W., (2014), Jak napisać pracę licencjacką i magisterską?, Poradnik dla studentów, Wyd. Naukowe Wyższej Szkoły Biznesu i Nauki o Zdrowiu, Łódź.
- 5. Czakon W., (2016), (red.) Podstawy metodologii badań w naukach o zarządzaniu, Wydawnictwo Nieoczywiste imprin GAB Media, Piaseczno.
- 6. 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.
- 3. Zenderowski R. (2022), Praca magisterska, licencjat : przewodnik po metodologii pisania i obrony pracy dyplomowej, Wydanie XII, CeDeWu, Warszawa.
- 4. Zawacki-Richter O. et. al. red. (2020), Systematic Reviews in Educational Research: Methodology, Perspectives and Application, Springer.

# Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,00
Classes requiring direct contact with the teacher	10	0,50
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation)	15	0,50