



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Information literacy for engineering thesis [S1IBiJ1>DLdPI]

Course

Field of study

Safety and Quality Engineering

Year/Semester

4/7

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

full-time

Requirements

compulsory

Number of hours

Lecture

0

Laboratory classes

0

Other

0

Tutorials

3

Projects/seminars

0

Number of credit points

0,00

Coordinators

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Lecturers

Prerequisites

Student should know basic principles of using the library collection. The skills to search databases and the Internet. Awareness of the need to develop the ability to obtain the necessary materials in the learning process.

Course objective

Need to educate students to train them in the ability to search for information necessary for writing their theses and to use the information resources of their own library and those of other libraries and Internet.

Course-related learning outcomes

Knowledge:

1. The student knows at an advanced level the substantive aspects related to the issues of safety and quality engineering, in particular the issues of technical safety, health and safety at work and safety systems, and knows what information he is looking for in bibliographic databases. [K1_W03]
2. The student knows a foreign language in the field of grammatical structures and general vocabulary as well as vocabulary appropriate for the field of Safety Engineering, thanks to which he can use foreign sources of information. [K1_W09]

3. The student knows at an advanced level various techniques and search possibilities in each type of resource. [K1_W11]
4. The student knows the basic concepts and principles of copyright protection, information security and intellectual property protection and uses this knowledge while browsing library resources. [K1_W12]

Skills:

1. The student is able to independently search for the necessary information materials in printed and electronic library resources with the use of modern search tools. [K1_U01]
2. The student is able to use search strategies, use search support tools, present sophisticated research materials in the field of Safety and Quality Engineering. [K1_U04]
3. The student is able to work individually or in a team to search the library resources using various information techniques, interpret the obtained results and draw conclusions. [K1_U11]
4. The student is able to identify and indicate changes in standards, regulations and requirements for the area of safety engineering. [K1_U12]

Social competences:

1. The student can see the need to find the necessary materials for scientific work. [K1_K01]
2. The student is aware of the creation and existence of national and world bibliographic databases and full-text services, the possibility of using them to improve their knowledge workshop. [K1_K02]
3. The student is aware of his own and team work, the use of information retrieval skills in a professional career and personal development. [K1_K07]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Assessment of the practical ability to find the indicated information in the library collections.

Programme content

General information on access to library collections.

Detailed information on the provision and terms of use of electronic resources.

Methods of creating simple and advanced search strategies based on printed and electronic resources.

Tools supporting the access and search of information in licensed and freely available resources (Open Access).

Management of the attachment bibliography based on available software (eg EndNote Web).

Course topics

General information about access to library collections (types of information sources, student services related to studying and obtaining literature). Detailed information on the provision and terms of use of electronic resources. Methods for creating simple and advanced search strategies based on printed and electronic resources. Practical search of Polish and world literature in various types of resources, using multi-faceted criteria and search capabilities of information sources, including access to full-text resources. Linking tools, supporting access and searching information, content aggregators and other technological facilities in searching, on the example of selected licensed and free access resources (Open Access). Legal aspects of publishing, sharing and citing scientific content. Rules and the possibility of creating bibliography based on data contained in databases, services or using available software.

Teaching methods

Tutorials: searching for sources, individual work, discussion.

Bibliography

Basic:

1. Printed and electronic resources available through the website of the Library of the Poznań University of Technology, accessed at <http://www.library.put.poznan.pl>
2. Access and terms and conditions of use of the e-sources, access: <http://library.put.poznan.pl/pl/2.html> .

Additional:

1. Antczak, M., Nowacka, A. (2008), Przypisy, powołania, bibliografia załącznikowa: jak tworzyć i stosować - podręcznik, Wydawnictwo SBP, Warszawa.

Breakdown of average student's workload

	Hours	ECTS
Total workload	5	0,00
Classes requiring direct contact with the teacher	3	0,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	2	0,00