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Social competencies:								
	Socia	I competencies:						

1. As a result of the course, the student is able to communicate effectively in a field specific/professional area, and to give a successful presentation in English. - [-]

2. The student is able to recognize and understand cultural differences in a professional and private conversation, and in a different cultural environment. - [-]

#### Assessment methods of study outcomes

?? Formative assessment: oral and written tests, presentations, MT test

? Summative assessment: credit, final written and oral exam

To obtain a positive assessment the student is obliged to pass the material covered by the program with at least 50%.

#### **Course description**

Developing general and technical vocabulary.

Reading comprehension practice of professional scientific texts.

Discussing environmental engineering issues with special reference to cooling and heating.

Describing different designs of air conditioning systems.

Discussing heat transfer in a building.

Delivering a presentation.

Teaching methods are based on the improvement of four basic language skills (listening, speaking, reading, writing), which are a medium for broadening knowledge in the field of technical topics.

## Basic bibliography:

1. Grzegożek, M./ Starmach, I. 2004. English for Environmental Engineering. Kraków: Studium Praktycznej Nauki Języków Obcych Politechniki Krakowskiej.

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1. Hanf, B. 2001. Angielski w technice. Poznań: Wyd. LektorKlett (PONs). Harding, K. and Taylor, L. 2005. International Express ? intermediate. Oxford: Oxford University Press. Taylor, L. 2005. International Express ? intermediate. Oxford: Oxford University Press. Dziuba, D. 2013. Environmental Issues. Angielski dla studentów ochrony środowiska. Łódź: Wyd. U. Łódź. Evans, V./ Dooley, J./ Rodgers, K. 2013. Environmental Engineering. Berkshire: Express Publishing. Evans, V./ Dooley, J./ Blum, E. 2013. Environmental Science. Berkshire: Express Publishing. Johnson, D./ Johnson, C.M. 1998. General Engineering. Hertfordshire: Prentice Hall. Otto, B. / Otto, M. 2007. Here is the news. Warszawa: Poltext.

## Result of average student's workload

Activity	Time (working hours)				
1. Contact hours	30				
2. Practical activities	30				
Student's workload					
Source of workload	hours	ECTS			
Total workload	60	2			
Contact hours	30	1			
Practical activities	30	1			