



### MODULE SPECIFICATION

Module code	
Module title in Polish	<b>Praktyka zawodowa</b>
Module title in English	<b>Internship</b>
Module running from the academic year	2016/2017

### A. MODULE IN THE CONTEXT OF THE PROGRAMME OF STUDY

Field of study	<b>Surveying and Cartography</b>
Level of qualification	first cycle (first cycle, second cycle)
Programme type	academic (academic/practical)
Mode of study	full-time (full-time/part-time)
Specialism	all
Organisational unit responsible for module delivery	The Department of Geotechnical Engineering, Geomatics and Waste Management
Module co-ordinator	<b>Ryszard Florek-Paszkowski, PhD, Eng.</b>
Approved by:	<b>Ryszard Florek-Paszkowski, PhD, Eng.</b>

### B. MODULE OVERVIEW

Module type	core module (core/programme-specific/elective HES*)
Module status	compulsory module (compulsory/optional)
Language of module delivery	English
Semester in the programme of study in which the module is taught	semester 7
Semester in the academic year in which the module is taught	winter semester (winter semester/summer semester)
Pre-requisites	None (module code/module title, where appropriate)
Examination required	No (Yes/No)
ECTS credits	4

\* elective HES – elective modules in the Humanities and Economic and Social Sciences

Mode of instruction	lectures	classes	laboratories	project	others
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# Politechnika Świętokrzyska

## WYDZIAŁ INŻYNIERII ŚRODOWISKA, GEOMATYKI I ENERGETYKI

Total hours per semester					
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### C. LEARNING OUTCOMES AND ASSESSMENT METHODS

<b>Module aims</b>	The aim of the module is to practically acquaint students with the subject studied. Another aim includes acquainting students with the specificity of work as regards municipal services, local government authorities, geodetic companies and enterprises.
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Module outcome code	Module learning outcomes	Mode of instruction (/l/c/lab/p/ others)	Corresponding programme outcome code	Corresponding discipline-specific outcome code
W_01	A student knows the conditions of the activity as regards municipal enterprises and bodies of local government as regards surveying works and cadastre; moreover, a student has fundamental knowledge on civil and administrative law, the tasks and competences of public and local government administration authorities.	other	GiK_W05	T1A_W02, T1A_W03
W_02	A student has knowledge as regards legal and technological fundamentals concerning surveying and cartography, including the ones as regards the scope of surveying law (together with the accompanying directives, technical norms and standards binding in surveying and cartography).	other	GiK_W09	T1 A_W03
W_03	A student is familiar with the surveying process as well as preparing the results and documentation in the form of geodetic basic trig data.	other	GiK_W27	T1A_W07
W_04	A student has knowledge as regards the organisation of work according to the principles of ergonomics.	other	GiK_W28	T1A-W08
W_05	A student has basic knowledge as regards conducting business activity.	other	GiK_W30	T1A_W09, T1A_W10, T1A_W11
U_01	A student can utilise technical documentation of building and engineering structures; a student can also (according to the standards and after conducting an initial economic analysis, prepare geodetic technical documentation, and an engineering project on surveying).	other	GiK_U07 GiK_U24 GiK_U26	T1A_U03, T1A_U06, T1A_U16
U_02	A student has substantive preparation for work in surveying performance in companies and organisational structures of various institutions.	other	GiK_U20	T1A_U11
U_03	A student has practical preparation for solving engineering and organisational problems in a creative manner.	other	GiK_U21	T1A_U13, T1A_U15
K_01	A student is aware of the importance and understands non-technical aspects and effects of geodetic activity and the connected responsibility for the decisions made.	other	GiK_K05	T1A_K02
K_02	A student is capable of co-operating and working in a team during the realisation of various engineering projects.	other	GiK_K07	T1A_K03
K_03	A student is able to act in a resourceful manner; a	other	GiK_K09	T1A_K06



	student is also ready for optimal organisational activities.			
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### Module content:

#### 1. Topics to be covered in the lectures

No.	Topics	Module outcome code
1	OHS training.	W_01 K_01
2	Familiarising students with the scope of activity as regards the company.	W_01 W_05 K_01
3	Familiarising students with the organisation and functioning procedures of an enterprise.	W_02 K_01
4	Students' participation in the process of designing and organisation of geodetic works.	W_02 W_03 W_04 U_01 U_02 K_02 K_03
5	Students' participation in the process of completing a project form planning works to completing a geodetic basic trig data.	W_01 W_02 W_03 U_01 K_01
6	Students' participation in the current activity of an enterprise (students' participation in surveys and preparing their results).	W_02 W_03 U_01 U_02 U_03 K_01 K_01 K_03

### Assessment methods

Module outcome code	Assessment methods <i>(Method of assessment; for module skills – reference to specific project, laboratory and similar tasks)</i>
W_01	Submitting a report on the completed internship
W_02	Submitting a report on the completed internship
W_03	Submitting a report on the completed internship
W_04	Submitting a report on the completed internship
W_05	Submitting a report on the completed internship
U_01	Submitting a report on the completed internship
U_02	Submitting a report on the completed internship
U_03	Submitting a report on the completed internship
K_01	Submitting a report on the completed internship



# Politechnika Świętokrzyska

## WYDZIAŁ INŻYNIERII ŚRODOWISKA, GEOMATYKI I ENERGETYKI

K_02	Submitting a report on the completed internship
K_03	Submitting a report on the completed internship



### D. STUDENT LEARNING ACTIVITIES

ECTS summary		
	Type of learning activity	Study time/ credits
1	Contact hours: participation in lectures	-
2	Contact hours: participation in classes	-
3	Contact hours: participation in laboratories	-
4	Contact hours: attendance at office hours (2-3 appointments per semester)	
5	Contact hours: participation in project-based classes	
6	Contact hours: meetings with a project module leader	
7	Contact hours: attendance at an examination	-
8		
9	<b>Number of contact hours</b>	<b>0</b> <i>(total)</i>
10	<b>Number of ECTS credits for contact hours</b> <i>(1 ECTS credit = 25-30 hours of study time)</i>	<b>0</b>
11	Private study hours: background reading for lectures	
12	Private study hours: preparation for classes	
13	Private study hours: preparation for tests	
14	Private study hours: preparation for laboratories	
15	Private study hours: writing reports	-
16	Private study hours: preparation for a final test in laboratories	
17	Private study hours: preparation of a project/a design specification	
18	Private study hours: preparation for an examination	-
19		<b>4 weeks</b>
20	<b>Number of private study hours</b>	- <i>(total)</i>
21	<b>Number of ECTS credits for private study hours</b> <i>(1 ECTS credit = 25-30 hours of study time)</i>	<b>4 weeks</b>
22	<b>Total study time</b>	-
23	<b>Total ECTS credits for the module</b> <i>(1 ECTS credit = 25-30 hours of study time)</i>	4
24	<b>Number of practice-based hours</b> <i>Total practice-based hours</i>	<b>4 weeks</b>
25	<b>Number of ECTS credits for practice-based hours</b> <i>(1 ECTS credit = 25-30 hours of study time)</i>	4

### E. READING LIST

References	
Module website	