

POLITECHNIKA KRAKOWSKA IM. TADEUSZA KOŚCIUSZKI

KARTA PRZEDMIOTU

obowiązuje studentów rozpoczynających studia w roku akademickim 2017/2018

Wydział Inżynierii Lądowej

Kierunek studiów: Budownictwo

Profil: Ogólnoakademicki

Forma studiów: stacjonarne

Kod kierunku: BUD

Stopień studiów: I

Specjalności: Bez specjalności - studia w języku angielskim

1 INFORMACJE O PRZEDMIOCIE

NAZWA PRZEDMIOTU	Praktyka zawodowa - geotechniczna
NAZWA PRZEDMIOTU W JĘZYKU ANGIELSKIM	Practical training in geotechnics
KOD PRZEDMIOTU	WIL BUD oIS D50 17/18
KATEGORIA PRZEDMIOTU	Przedmioty specjalnościowe
LICZBA PUNKTÓW ECTS	0.50
SEMESTRY	4

2 LICZBA TYGODNI

SEMESTR	LICZBA TYGODNI
4	1.00

3 CELE PRZEDMIOTU

Cel 1 Getting to know with practical geotechnical investigation in the field , training in use of dynamic cone test and sampling

Cel 2 Getting to know the drill field, sampling type A, B and NN

Cel 3 Making a report of geotechnical field investigation for a building designer based on in situ and laboratory tests

4 WYMAGANIA WSTĘPNE W ZAKRESIE WIEDZY, UMIEJĘTNOŚCI I INNYCH KOMPETENCJI

1 Completing the course Soil Mechanics

5 EFEKTY KSZTAŁCENIA

EK1 Wiedza Student explains the sequences of the investigation made by dynamic cone test and vane test

EK2 Umiejętności Student can perform dynamic cone test and vane test and soil sample for laboratory analysis

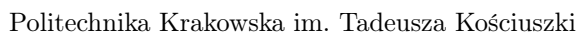
EK3 Wiedza Student explains the soil drilling execution in field investigation

EK4 Umiejętności Student is able to perform geological engineering raport based on research carried out field and laboratory

6 TREŚCI PROGRAMOWE

PRAKTYKA ZAWODOWA

LP	TEMATYKA ZAJĘĆ OPIS SZCZEGÓŁOWY BLOKÓW TEMATYCZNYCH	LICZBA GODZIN
PZ1	Training in use of dynamic cone test and sampling	5
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PZ1	Training in use of dynamic cone test and sampling	5
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PRAKTYKA ZAWODOWA

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PRAKTYKA ZAWODOWA

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PRAKTYKA ZAWODOWA

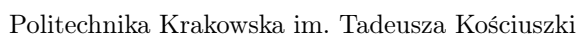
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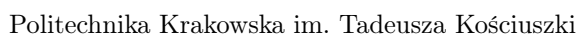
PRAKTYKA ZAWODOWA

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PRAKTYKA ZAWODOWA

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PRAKTYKA ZAWODOWA

[illegible]

PRAKTYKA ZAWODOWA

[illegible]

PRAKTYKA ZAWODOWA

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PZ3	Making a report of geotechnical field investigation for a building designer based on in situ and laboratory tests	5
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7 NARZĘDZIA DYDAKTYCZNE

N1 Ćwiczenia laboratoryjne

N2 Praca w grupach

N3 Ćwiczenia projektowe

N4 Konsultacje

8 OBCIĄŻENIE PRACĄ STUDENTA

FORMA AKTYWNOŚCI	ŚREDNIA LICZBA GODZIN NA ZREALIZOWANIE AKTYWNOŚCI
Godziny kontaktowe z nauczycielem akademickim, w tym:	
Godziny wynikające z planu studiów	0
Konsultacje przedmiotowe	0
Egzaminy i zaliczenia w sesji	0
Godziny bez udziału nauczyciela akademickiego wynikające z nakładu pracy studenta, w tym:	
Przygotowanie się do zajęć, w tym studiowanie zalecanej literatury	0
Opracowanie wyników	0
Przygotowanie raportu, projektu, prezentacji, dyskusji	0
SUMARYCZNA LICZBA GODZIN DLA PRZEDMIOTU WYNIKAJĄCA Z CAŁEGO NAKŁADU PRACY STUDENTA	0
SUMARYCZNA LICZBA PUNKTÓW ECTS DLA PRZEDMIOTU	0.50

9 SPOSOBY OCENY

OCENA FORMUJĄCA

F1 Ćwiczenie praktyczne

F2 Projekt zespołowy

F3 Sprawozdanie z ćwiczenia laboratoryjnego

OCENA PODSUMOWUJĄCA

P1 Egzamin praktyczny

WARUNKI ZALICZENIA PRZEDMIOTU

W1 Student receives credit for the course, who has done field research

KRYTERIA OCENY

EFEKT KSZTAŁCENIA 1	
NA OCENĘ 3.0	x
NA OCENĘ 3.5	x
NA OCENĘ 4.0	x

NA OCENĘ 4.5	x
NA OCENĘ 5.0	x
EFEKT KSZTAŁCENIA 2	
NA OCENĘ 3.0	x
NA OCENĘ 3.5	x
NA OCENĘ 4.0	x
NA OCENĘ 4.5	x
NA OCENĘ 5.0	x
EFEKT KSZTAŁCENIA 3	
NA OCENĘ 3.0	x
NA OCENĘ 3.5	x
NA OCENĘ 4.0	x
NA OCENĘ 4.5	x
NA OCENĘ 5.0	x
EFEKT KSZTAŁCENIA 4	
NA OCENĘ 3.0	x
NA OCENĘ 3.5	x
NA OCENĘ 4.0	x
NA OCENĘ 4.5	x
NA OCENĘ 5.0	x

10 MACIERZ REALIZACJI PRZEDMIOTU

EFEKT KSZTAŁCENIA	ODNIESIENIE DANEGO EFEKTU DO SZCZEGÓŁOWYCH EFEKTÓW ZDEFINIOWANYCH DLA PROGRAMU	CELE PRZEDMIOTU	TREŚCI PROGRAMOWE	NARZĘDZIA DYDAKTYCZNE	SPOSOBY OCENY
EK1		Cel 1	PZ1	N1 N2 N3 N4	F1 F2 F3 P1

EFEKT KSZTAŁCENIA	ODNIESIENIE DANEGO EFEKTU DO SZCZEGÓŁOWYCH EFEKTÓW ZDEFINIOWANYCH DLA PROGRAMU	CELE PRZEDMIOTU	TREŚCI PROGRAMOWE	NARZĘDZIA DYDAKTYCZNE	SPOSOBY OCENY
EK2		Cel 1	PZ2	N1 N2 N3 N4	F1 F2 F3 P1
EK3		Cel 2 Cel 3	PZ3	N1 N2 N3 N4	F1 F2 F3 P1
EK4		Cel 2 Cel 3	PZ1 PZ2 PZ3	N1 N2 N3 N4	F1 F2 F3 P1

11 WYKAZ LITERATURY

LITERATURA PODSTAWOWA

- [1] | **WIŁUN Zenon** — *Zarys Geotechniki*, Warszawa, 2005, WKŁ
 [2] | **GOŁEBIEWSKA Anna** — *Mechanika gruntów*, Warszawa, 2004, SGGW

LITERATURA UZUPEŁNIAJĄCA

- [1] | **SMOLTCZYK Ulrich** — *Geotechnical Engineering Handbook*, Berlin, 2003, Ernst&Sohn

12 INFORMACJE O NAUCZYCIELACH AKADEMICKICH

OSOBA ODPOWIEDZIALNA ZA KARTĘ

dr hab. inż. prof. PK Bogumił Wrana (kontakt: wrana@limba.wil.pk.edu.pl)

OSOBY PROWADZĄCE PRZEDMIOT

- 1 dr inż. Janusz Kogut (kontakt:)
 2 mgr inż. Bartłomiej Czado (kontakt:)

13 ZATWIERDZENIE KARTY PRZEDMIOTU DO REALIZACJI

(miejscowość, data)

(odpowiedzialny za przedmiot)

(dziekan)

PRZYJMUJĘ DO REALIZACJI (data i podpisy osób prowadzących przedmiot)

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