

POLITECHNIKA KRAKOWSKA IM. TADEUSZA KOŚCIUSZKI

KARTA PRZEDMIOTU

obowiązuje studentów rozpoczynających studia w roku akademickim 2023/2024

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 - budowlana |
| NAZWA PRZEDMIOTU W JĘZYKU ANGIELSKIM | Practical training in construction |
| KOD PRZEDMIOTU | WIL BUD oIS C32 23/24 |
| KATEGORIA PRZEDMIOTU | Przedmioty kierunkowe |
| LICZBA PUNKTÓW ECTS | 4.00 |
| SEMESTRY | 4 6 |

2 LICZBA TYGODNI

| SEMESTR | LICZBA TYGODNI |
|---------|----------------|
| 4 | 4.00 |
| 6 | 4.00 |

3 CELE PRZEDMIOTU

Cel 1 Practical knowledge about functioning of construction company and design office

Cel 2 Direct acquaintance with a construction site and basic technologies of construction works

Cel 3 Acquaintance with basic construction site documentation and its flow

Cel 4 Cooperation in a team project

Cel 5 Basics of human resources management at the construction site

4 WYMAGANIA WSTĘPNE W ZAKRESIE WIEDZY, UMIEJĘTNOŚCI I INNYCH KOMPETENCJI

1 no requirements

5 EFEKTY KSZTAŁCENIA

EK1 Wiedza Knowledge about the stages of the construction process. Knowledge of site organisation and documentation flow.

EK2 Umiejętności Student knows how to move safely around the construction site, is able to recognise the hazards associated with construction works and knows how to avoid them.

EK3 Kompetencje społeczne Student is able to supervise simple construction works.

EK4 Wiedza Knowledge of basic technologies for construction works (earthworks, reinforced concrete and masonry works). Knowledge of the assembly rules for prefabricated elements.

6 TREŚCI PROGRAMOWE

PRAKTYKA ZAWODOWA

| LP | TEMATYKA ZAJĘĆ OPIS SZCZEGÓŁOWY BLOKÓW TEMATYCZNYCH | LICZBA GODZIN |
|-----|--|------------------|
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |

PRAKTYKA ZAWODOWA

| LP | TEMATYKA ZAJĘĆ OPIS SZCZEGÓŁOWY BLOKÓW TEMATYCZNYCH | LICZBA GODZIN |
|------------|---|------------------|
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ1 | Organisational structure of a construction company | 24 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |

PRAKTYKA ZAWODOWA

| LP | TEMATYKA ZAJĘĆ OPIS SZCZEGÓŁOWY BLOKÓW TEMATYCZNYCH | LICZBA GODZIN |
|------------|---|------------------|
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ2 | Operation of services and special units in a construction company | 20 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |
| PZ3 | Health and safety policy in a construction company | 16 |

PRAKTYKA ZAWODOWA

[illegible]

PRAKTYKA ZAWODOWA

[illegible]

PRAKTYKA ZAWODOWA

[illegible]

PRAKTYKA ZAWODOWA

| LP | TEMATYKA ZAJĘĆ OPIS SZCZEGÓŁOWY BLOKÓW TEMATYCZNYCH | LICZBA GODZIN |
|-----|--|---------------|
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ7 | Methods of construction: Assembly of steel structures and elements | 45 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |

PRAKTYKA ZAWODOWA

| LP | TEMATYKA ZAJĘĆ OPIS SZCZEGÓŁOWY BLOKÓW TEMATYCZNYCH | LICZBA GODZIN |
|-----|---|---------------|
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ8 | Methods of construction: Wood structures and scaffoldings | 36 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |

PRAKTYKA ZAWODOWA

| LP | TEMATYKA ZAJĘĆ OPIS SZCZEGÓŁOWY BLOKÓW TEMATYCZNYCH | LICZBA GODZIN |
|-------------|---|------------------|
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ9 | Methods of construction: Finishing works and outfitting | 30 |
| PZ10 | Requirements for construction site documentation | 24 |
| PZ10 | Requirements for construction site documentation | 24 |
| PZ10 | Requirements for construction site documentation | 24 |

PRAKTYKA ZAWODOWA

[illegible]

7 NARZĘDZIA DYDAKTYCZNE

N1 Other

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 |
| Zaliczenie Raportu | 2 |
| Godziny bez udziału nauczyciela akademickiego wynikające z nakładu pracy studenta, w tym: | |
| Przygotowanie się do zajęć, w tym studiowanie zalecanej literatury | 40 |
| Opracowanie wyników | 0 |
| Przygotowanie raportu, projektu, prezentacji, dyskusji | 18 |
| Uczestniczenie w procesach budowlanych | 240 |
| SUMARYCZNA LICZBA GODZIN DLA PRZEDMIOTU WYNIKAJĄCA Z CAŁEGO NAKŁADU PRACY STUDENTA | 300 |
| SUMARYCZNA LICZBA PUNKTÓW ECTS DLA PRZEDMIOTU | 4.00 |

9 SPOSOBY OCENY

OCENA FORMUJĄCA

F1 The oral exam

OCENA PODSUMOWUJĄCA

P1 The oral exam

WARUNKI ZALICZENIA PRZEDMIOTU

W1 Submission of an approved practice report

OCENA AKTYWNOŚCI BEZ UDZIAŁU NAUCZYCIELA

B1 Other

KRYTERIA OCENY

| EFEKT KSZTAŁCENIA 1 | |
|---------------------|---|
| NA OCENĘ 3.0 | Submission of an approved practice report |

| EFEKT KSZTAŁCENIA 2 | |
|---------------------|---|
| NA OCENĘ 3.0 | Submission of an approved practice report |
| EFEKT KSZTAŁCENIA 3 | |
| NA OCENĘ 3.0 | Submission of an approved practice report |
| EFEKT KSZTAŁCENIA 4 | |
| NA OCENĘ 3.0 | Submission of an approved practice report |

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 Cel 2 Cel 3 | PZ1 PZ2 PZ4 PZ5 PZ6 PZ7 PZ8 PZ9 PZ10 | N1 | F1 P1 |
| EK2 | | Cel 2 Cel 5 | PZ2 PZ3 PZ10 | N1 | F1 P1 |
| EK3 | | Cel 5 | PZ2 PZ3 PZ10 | N1 | F1 P1 |
| EK4 | | Cel 2 Cel 4 Cel 5 | PZ4 PZ5 PZ6 PZ7 PZ8 PZ10 | N1 | F1 P1 |

11 WYKAZ LITERATURY

12 INFORMACJE O NAUCZYCIELACH AKADEMICKICH

OSOBA ODPOWIEDZIALNA ZA KARTĘ

mgr inż. Mirosław Boryczko (kontakt: mboryczk@pk.edu.pl)

OSOBY PROWADZĄCE PRZEDMIOT

1 mgr inż. Mirosław Boryczko (kontakt: mboryczk@pk.edu.pl)

2 mgr inż. Łukasz Ślaga (kontakt: lslaga@pk.edu.pl)



13 ZATWIERDZENIE KARTY PRZEDMIOTU DO REALIZACJI

(miejscowość, data)

(odpowiedzialny za przedmiot)

(dziekan)

PRZYJMUJĘ DO REALIZACJI (data i podpisy osób prowadzących przedmiot)

.....

.....