

POLITECHNIKA KRAKOWSKA IM. TADEUSZA KOŚCIUSZKI

KARTA PRZEDMIOTU

obowiązuje studentów rozpoczynających studia w roku akademickim 2018/2019

Wydział Inżynierii Lądowej

Kierunek studiów: Budownictwo

Profil: Ogólnoakademicki

Forma studiów: stacjonarne

Kod kierunku: BUD

Stopień studiów: II

Specjalności: Konstrukcje budowlane i inżynierskie - studia w języku angielskim

1 INFORMACJE O PRZEDMIOCIE

NAZWA PRZEDMIOTU	Przygotowanie pracy dyplomowej
NAZWA PRZEDMIOTU W JĘZYKU ANGIELSKIM	Preparation of Diploma Project
KOD PRZEDMIOTU	WIL BUD oIIS E30 18/19
KATEGORIA PRZEDMIOTU	Przedmioty związane z dyplomem
LICZBA PUNKTÓW ECTS	19.00
SEMESTRY	3

2 LICZBA GODZIN

SEMESTR	LICZBA GODZIN
3	580.00

3 CELE PRZEDMIOTU

Cel 1 Summary of knowledge acquired in the studying course. The acquisition of the practical application of engineering knowledge.

Cel 2 Better understanding of the design of selected engineering structures.

4 WYMAGANIA WSTĘPNE W ZAKRESIE WIEDZY, UMIEJĘTNOŚCI I INNYCH KOMPETENCJI

1 Passing of all subjects required by sequential list of items.

5 EFEKTY KSZTAŁCENIA

EK1 Wiedza He knows the rules of analysis, design and dimensioning of components of complex building structures: metal, concrete, composite, wood and masonry.

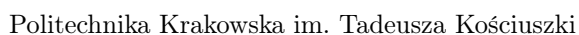
EK2 Wiedza He has knowledge of advanced topics strength of materials, modeling of materials and structures. He has knowledge of the theoretical basis of Finite Element Method.

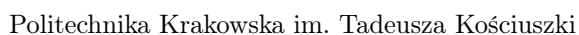
EK3 Wiedza He knows the classification and scope of computer programs supporting the analysis and design of structures and useful for planning construction projects.

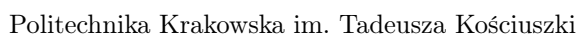
EK4 Umiejętności He is able to the design elements and complex metal structures, reinforced concrete, composite, wood and masonry. He is able to perform the classic static analysis and dynamic stability regimes rod (trusses, frames and tendons) statically determinate and indeterminate and surface structures (discs, plates, membranes and coatings).

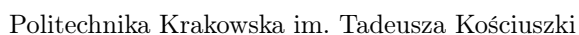
6 TREŚCI PROGRAMOWE

PRACA DYPLOMOWA		
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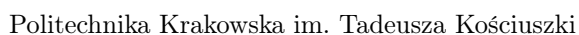
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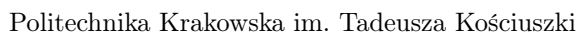
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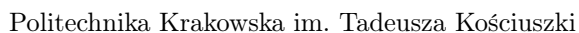
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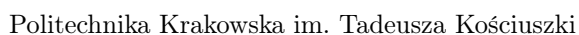
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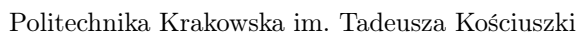
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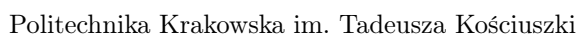
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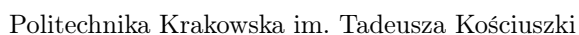
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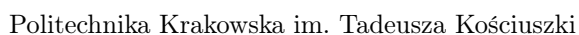
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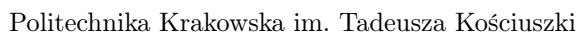
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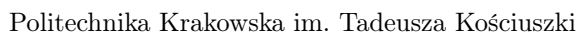
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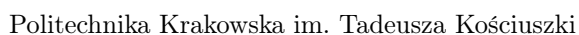
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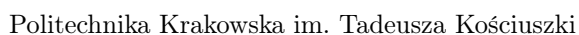
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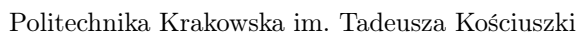
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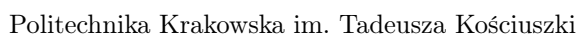
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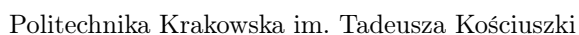
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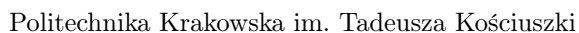
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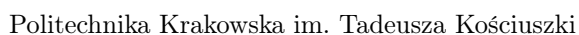
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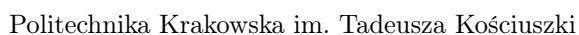
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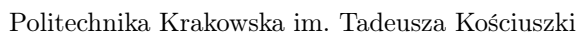
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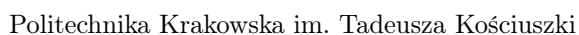
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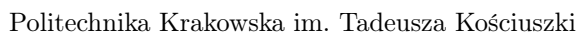
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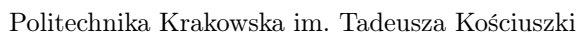
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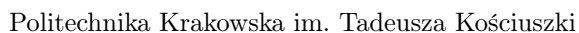
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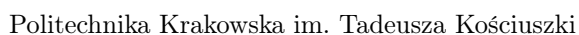
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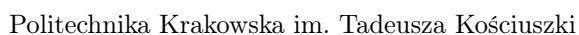
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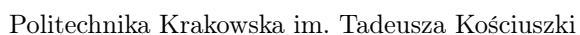
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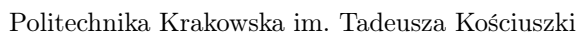
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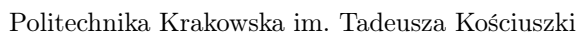
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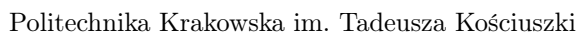
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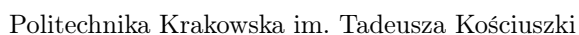
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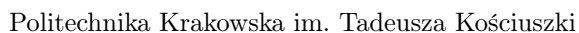
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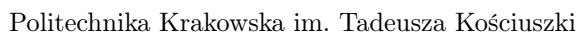
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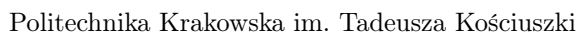
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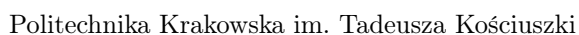
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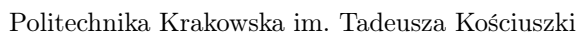
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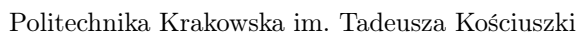
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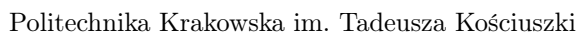
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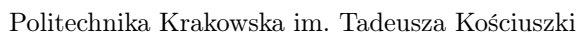
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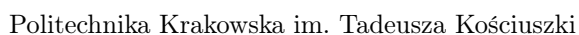
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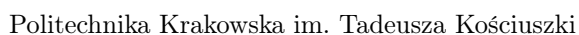
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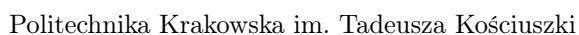
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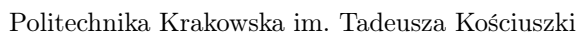
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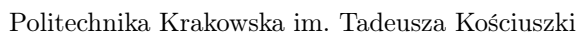
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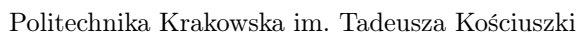
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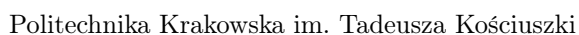
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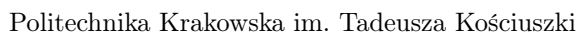
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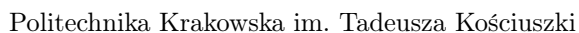
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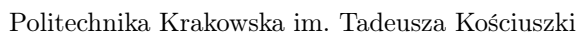
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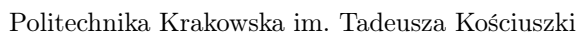
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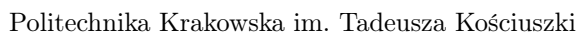
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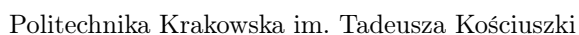
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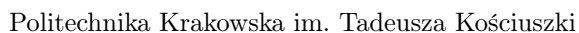
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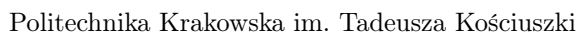
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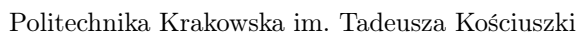
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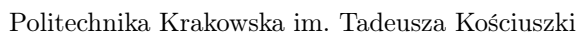
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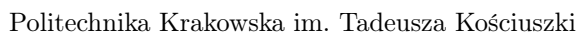
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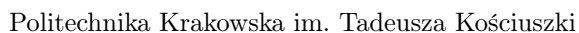
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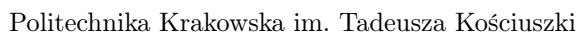
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7 NARZĘDZIA DYDAKTYCZNE

N1 Konsultacje

N2 Inne

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	20
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	20
SUMARYCZNA LICZBA PUNKTÓW ECTS DLA PRZEDMIOTU	19.00

9 SPOSOBY OCENY

OCENA FORMUJĄCA

F1 Sugerowana ocena promotora zawarta w opinii do pracy

OCENA PODSUMOWUJĄCA

P1 Ocena uzgodniona recenzenta i promotora

KRYTERIA OCENY

EFEKT KSZTAŁCENIA 1	
NA OCENĘ 3.0	He has met the conditions set sufficiently
NA OCENĘ 3.5	He has met the conditions set better then sufficiently
NA OCENĘ 4.0	He has met the conditions set well
NA OCENĘ 4.5	He has met the conditions set better then well
NA OCENĘ 5.0	He has met the conditions very well
EFEKT KSZTAŁCENIA 2	
NA OCENĘ 3.0	He has met the conditions set sufficiently

NA OCENĘ 3.5	He has met the conditions set better then sufficiently
NA OCENĘ 4.0	He has met the conditions set well
NA OCENĘ 4.5	He has met the conditions set better then well
NA OCENĘ 5.0	He has met the conditions very well
EFEKT KSZTAŁCENIA 3	
NA OCENĘ 3.0	He has met the conditions set sufficiently
NA OCENĘ 3.5	He has met the conditions set better then sufficiently
NA OCENĘ 4.0	He has met the conditions set well
NA OCENĘ 4.5	He has met the conditions set better then well
NA OCENĘ 5.0	He has met the conditions very well
EFEKT KSZTAŁCENIA 4	
NA OCENĘ 3.0	He has met the conditions set sufficiently
NA OCENĘ 3.5	He has met the conditions set better then sufficiently
NA OCENĘ 4.0	He has met the conditions set well
NA OCENĘ 4.5	He has met the conditions set better then well
NA OCENĘ 5.0	He has met the conditions very well

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		N1 N2	F1 P1
EK2		Cel 1 Cel 2		N1 N2	F1 P1
EK3		Cel 1 Cel 2		N1 N2	F1 P1
EK4		Cel 1 Cel 2		N1 N2	F1 P1

11 WYKAZ LITERATURY

LITERATURA PODSTAWOWA

[1] Naaman Antoine E. — *Prestressed Concrete. Analysis and design*, Michigan, 2004, Techno Press 3000

12 INFORMACJE O NAUCZYCIELACH AKADEMICKICH

OSOBA ODPOWIEDZIALNA ZA KARTĘ

dr inż. Rafał Szydłowski (kontakt: rszydowski@pk.edu.pl)

OSOBY PROWADZĄCE PRZEDMIOT

1 dr inż. Rafał Szydłowski (kontakt: rszydowski@op.pl)

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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