Medicinski fakultet u Rijeci

IZVEDBENI NASTAVNI PLAN
2022/2023

Za kolegij

Introduction to Robotics

Studij:	**Medical Studies in English (R)** (izborni) Sveučilišni integrirani prijediplomski i diplomski studij
Katedra:	**Centar za biomodeliranje i inovacije u medicini**
Nositelj kolegija:	**izv. prof. dr. sc. Maričić Sven**
Godina studija:	**1**
ECTS:	**1.5**
Stimulativni ECTS:	**0 (0.00%)**
Strani jezik:	**Mogućnost izvođenja na stranom jeziku**

Podaci o kolegiju:

Elements of the robotic system. The fundamental laws of robotics. Historical development of technology. The application of robots in biomedicine. Robotic system – planning and production, management. Planning and working with the robotic system. Getting to know the concepts of bionics and cybernetics. Structures and their implementation. Getting to know the functional model.

Popis obvezne ispitne literature:

- Lynch M. K., Park C. F.: Modern Robotics: Mechanics, Planning, and Control, ISBN: 978-1107156302
- Simpson, D., C.: Introduction to Robotics, Santers R. (Editor), Logic Design Publishing, ISBN: 978-0968686027
- Niku, S., B.: Introduction to Robotics: Analysis, Control, Applications, John Wiley&Sons, ISBN: 978-0470604465

Popis dopunske literature:

Winfield, A.: Robotics: A Very Short Introduction, Oxford University Press, ISBN: 978-0199695980

Nastavni plan:

Obveze studenata:

Regular attendance at classes, writing a seminar paper.

Ispit (način polaganja ispita, opis pisanog/usmenog/praktičnog dijela ispita, način bodovanja, kriterij ocjenjivanja):

Ostale napomene (vezane uz kolegij) važne za studente:

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SATNICA IZVOĐENJA NASTAVE 2022/2023

Introduction to Robotics

Popis predavanja, seminara i vježbi:

ISPITNI TERMINI (završni ispit):
