

**Trauma Biomechanics**

2019 m. pavasario semestras

**Informacija apie paskaitų ciklą**

40 val. paskaitų kursas „Traumos biomechanika“

Tikslinė auditorija – I, II ir III pakopos biomechanikos, mechanikos inžinerijos, transporto inžinerijos studentai.

**Paskaitos vyks anglų kalba****Paskaitų tvarkaraštis**

Diena	Paskaitos tema	Paskaitos tipas	Val.	Data ir laikas	Aud.
Pagrindinės žinios					
1	Introduction / Injury models and failure of biological tissue	Paskaita	2	2019.04.29 8 <sup>30</sup> -10 <sup>05</sup>	MR-I 1-105
	Analysing accidents	Pratybos	2	2019.04.29 10 <sup>20</sup> -11 <sup>55</sup>	MR-I 1-116
1	Head injury	Paskaitos	2	2019.04.29 12 <sup>10</sup> -13 <sup>45</sup>	MR-I 119
	Sports helmets	Pratybos	1	2019.04.29 13 <sup>50</sup> -15 <sup>00</sup>	MR-I 1-116
2	Trauma to the spine and thorax	Paskaitos	2	2019.04.30 8 <sup>30</sup> -10 <sup>05</sup>	MR-II, 2-107
	Concepts of injury prevention	Pratybos	2	2019.04.30 10 <sup>20</sup> -11 <sup>55</sup>	MR-II, 2-107
3	Injury to the upper and lower extremities	Paskaitos	2	2019.05.02 12 <sup>10</sup> -13 <sup>45</sup>	MR-II, 2-107
	Safety applications in sports	Pratybos	2	2019.05.02 13 <sup>45</sup> -15 <sup>20</sup>	MR-II, 2-107
4	Experiments in trauma biomechanics	Paskaitos	2	2019.05.03 14 <sup>00</sup> -16 <sup>00</sup>	MR-II, 2-107
	Experiments in trauma biomechanics	Pratybos	2	2019.05.03 16 <sup>00</sup> -17 <sup>00</sup>	MR-II, 2-107
5	Student project consultations	Pratybos	1	2019.05.04 10 <sup>00</sup> -11 <sup>00</sup>	MR-II, 2-107
Traumos biomechanikos specialios temos					
6	Computer simulations	Paskaitos	2	2019.05.06 8 <sup>30</sup> -10 <sup>05</sup>	MR-I 1-105
	Student project	Pratybos	2	2019.05.06 10 <sup>20</sup> -11 <sup>55</sup>	MR-I 1-116
7	Occupant protection	Paskaitos	2	2019.05.07 8 <sup>30</sup> -10 <sup>05</sup>	MR-II, 2-107
	Student project	Pratybos	2	2019.05.07 10 <sup>20</sup> -11 <sup>55</sup>	MR-II, 2-107
8	Pedestrian Impact	Paskaitos	2	2019.05.08 16 <sup>20</sup> -17 <sup>55</sup>	MR-II, 2-107
	Student project	Pratybos	2	2019.05.08 18 <sup>10</sup> -19 <sup>45</sup>	MR-II, 2-107
9	Trauma in children and elderly	Paskaitos	2	2019.05.09 12 <sup>10</sup> -13 <sup>45</sup>	MR-II, 2-107
	Exam	Pratybos	1	2019.05.09 13 <sup>45</sup> -14 <sup>45</sup>	MR-II, 2-107
10	Student competition	Paskaitos	2	2019.05.10 8 <sup>30</sup> -10 <sup>05</sup>	MR-II, 2-107
	Summary /Wrap-up and final discussion	Paskaita	2	2019.05.10 10 <sup>20</sup> -11 <sup>55</sup>	MR-II, 2-107