

I. Personal and study details

Student's name: **Konečný Kryštof**

Personal ID number: **501264**

Faculty / Institute: **Faculty of Mechanical Engineering**

Department / Institute: **Department of Aerospace Engineering**

Study program: **Theoretical Fundamentals of Mechanical Engineering**

Branch of study: **No Special Fields of Study**

II. Bachelor's thesis details

Bachelor's thesis title in English:

Emergency brake system design for Formula Student race car

Bachelor's thesis title in Czech:

Návrh nouzového brzdového systému pro závodní vůz Formula Student

Guidelines:

- 1) Research emergency brake systems used on the Formula Student cars
- 2) Design emergency brake system for the Formula Student car
- 3) Analyse the proposed design using FEM

Bibliography / sources:

According to instructions of supervisor

Name and workplace of bachelor's thesis supervisor:

Ing. Jiří Teichman Department of Aerospace Engineering FME

Name and workplace of second bachelor's thesis supervisor or consultant:

Date of bachelor's thesis assignment: **26.04.2024** Deadline for bachelor thesis submission: **31.05.2024**

Assignment valid until: _____

Ing. Jiří Teichman
Supervisor's signature

Ing. Milan Dvořák, Ph.D.
Head of department's signature

doc. Ing. Miroslav Španiel, CSc.
Dean's signature

III. Assignment receipt

The student acknowledges that the bachelor's thesis is an individual work. The student must produce his thesis without the assistance of others, with the exception of provided consultations. Within the bachelor's thesis, the author must state the names of consultants and include a list of references.

Date of assignment receipt

Student's signature