

FORMULA EAST

STUDENT

20TH TO 23RD JULY



elringklinger

handtmann
Ideen mit Zukunft.

GENERAL RULES

WHO IS READY?

VERSION 1.0
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1. INTRODUCTION

Formula Student East® (hereafter “FS East®”) is a FSAE style Formula Student engineering competition in Hungary, organised by Engineers for the Automotive Higher Education Association from 2016.

Formula Student East will allow to participate vehicles with conventional combustion engine (gasoline or E85 fuelled) and electric powertrain vehicles, which will directly compete against each other.

This rules document contains the FS East General rules. These specific rules are an addition to the Rules 2017 document (hereafter “Rules 2017”), which was published by FS Germany. In case of a conflict between the Rules 2017 and the 2017 FS East rules, the 2017 FS East rules supersede the Rules 2017.

2. GENERAL

2.1 COMPETITION DATES AND PLACE

FS East 2017 will be held between 20th and 23rd July, 2017 at the Euroring Circuit in Örkény, Hungary:



2.2 FS EAST 2017 RULES

The FS East competition is compliant with the Rules 2017 document:
www.formulastudent.de/uploads/media/FS-Rules_2017_V1.1.pdf

The FS East rules presented in this document include specific rule changes and additions to the Rules 2017. These changes and additions supersede the specific sections of the published Rules 2017.

Additionally, all guidelines and clarifications posted in the ‘Rules and Important Documents’ section on the FS East website for the current season are considered as official documents and therefore are applicable to the teams competing at FS East 2017.

2.3 RULES QUESTIONS

Any rule clarification questions or rule ambiguities concerning the rules for FS East will be resolved by the FS East rules committee. The Rules Committee will answer both FS East and Rules 2017 questions, but the decisions and clarifications given are only valid for the FS East competition and only for the present competition year.

Rules questions should be submitted to rules@fseast.eu. Do not ask about more than one rule per mail.

2.4 OFFICIAL LANGUAGE

The FS East official language is English.

2.5 OFFICIAL TIME

The FS East official time:

From	Till	Time
30th of October	26th of March	Central European Time (CET)
26th of March	29th October	Central European Summer Time (CEST)

1 day equals 24 hours. One day later is 24 hours after the defined deadline time or reply time of an official.

To convert CET or CEST to your local time you can use following website:

www.timeanddate.com/worldclock/converter.html

2.6 FS EAST REGISTRATION

2.6.1. FS EAST REGISTRATION RULES

FS East Registration Rules are available at the Rules and Important Documents section of the FS East homepage.

2.6.2 FS EAST REGISTRATION REQUIRED CONTACT INFORMATION

Once the team has officially been registered for FS East event, each team member and faculty advisor is required to add his/her identifying information online.

Participants may only be added (registered) by the team's official contact person (the person who registered the team for the event).

2.6.3 INDEPENDENT TEAMS

In the case that a university takes part in FS East 2017 with two cars, one with internal combustion engine and one using electric drivetrain, then these teams may not share team members in any static or dynamic events.

2.6.4 SOCIETY MEMBERSHIP

Every participating team member must be a member of one of the FISITA engineering societies:

www.fisita.com/membership/members.

2.6.5 STUDENT STATUS

Students seeking a PhD degree/PhD Students or equivalent are not allowed to participate at FS East as a team member.

2.6.6 FACULTY ADVISOR

FS East recommends that all participating teams have a Faculty Advisor present with them at the competition. In the event that no Faculty Advisor is present during the competition, the Team Captain will take over all responsibilities of the Faculty Advisor.

Any Faculty Advisor being registered as such must be a valid member of the faculty he/she is representing and can not be a student.

2.7 EVENT HANDBOOK

The FS East event handbook may contain special event procedures and restrictions for example regarding working on the car etc. It has to be read and understood by all event participants.

2.8 TESTING AND WORK SAFETY

FS East is not responsible for the use of the cars other than at the event in Örkény.

Furthermore, the organizers of the FS East dissociate themselves from all activities of the teams besides FS East and associated events.

Nevertheless, all teams are advised to follow common practices and common sense when working on the vehicle and when operating the vehicle, also before and after the FS East event.

Cars designed and manufactured for the participation of Formula Student events should not participate in events not suitable for Formula Student vehicles like hill climbs, drag races or similar events.

Teams should never use their cars for wheel-to-wheel races.

The following listed requirements should at least be met to qualify as a safe testing/driving environment, but does not mean that following these guidelines guarantees safety under all circumstances.

- Driver wearing full protection gear incl. arm restraints
- Working TSAL, IMD, BMS/AMS, Torque Encoder plausibility check, torque/brake encoder plausibility check, brake system plausibility device and ETC plausibility check if applicable.
- Rules compliant frame/monocoque
- Mounted impact attenuator
- No wheel to wheel racing
- No other passenger cars, trucks etc. being driven on the same premise at the same time, unless the area is clearly separated
- No driving under low visibility conditions
- No driving at speeds above typical event speeds, see Part D of the FS Rules 2017 V1.1 for details
- No driving in areas where crashing into obstacles at the height of the driver's head is possible, such that parts of the vehicle may pass below an obstacle, but the driver's head can be trapped between the obstacle and the main roll hoop for example.

FS East reserves the right to disqualify a registered team in case of unsafe driving behavior, especially if the reputation of Formula Student organizers, sponsors and other teams is compromised. The decision to remove a team from the FS East 2016 competition has to be made unanimously by the FS East rules committee and will be made public on the FS East website.

NOTE:

This rule has not been established to annoy you, but to ensure that we experience a safe and accident-free Formula Student season.

2.9 [ELECTRIC VEHICLES ONLY] CHARGING CONNECTOR AND MAX. POWER

Only 32 A three phase (5 pin) sockets, and 16 A single phase versions will be available.

CHANGELOG

Version	Date	Modification	Page
1.0.0	7th April, 2017	Initial release	-



Engineers for the Automotive
Higher Education Association

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