

FORMULA STUDENT EASTER COMPETITION HANDBOOK 2025

VER. 1.0

#FORMULASTUDENTEASTER

TABLE OF CONTENTS

STR 1	GENERAL REGULATIONS.....	7
STR 1.1	Competition objective	7
STR 1.2	FSEaster Rules.....	7
STR 1.3	Competition procedure	7
STR 1.4	Competition Date and location	7
STR 1.5	Vehicle & personal transport	7
STR 1.6	[EV only] TSAC Evening Storage	7
STR 1.7	Accommodation rules.....	7
STR 2	REGISTRATION	8
STR 2.1	Registration process	8
STR 2.2	Registration slots	8
STR 2.3	Registration fee	8
STR 2.4	Refund policy.....	8
STR 2.5	Car number.....	8
STR 3	DATES & DOCUMENTS	9
STR 3.1	Deadlines.....	9
STR 3.2	Late submission	9
STR 3.3	De-registration	9
STR 3.4	TMD & HIC.....	9
STR 4	TECHNICAL REGULATIONS.....	10
STR 4.1	Autonomous System	10
STR 4.2	Re-scrutineering	10
STR 4.3	[EV only] Accumulator charging	10
STR 5	STATIC EVENTS	11
STR 5.1	Business Plan Presentation Event	11
STR 5.2	Cost and Manufacturing Event.....	11

STR 5.3	Engineering Design Event.....	11
STR 5.4	Static Finals.....	11
STR 6	DYNAMIC EVENTS.....	12
STR 6.1	Skidpad Event	12
STR 6.2	Acceleration Event.....	12
STR 6.3	Autocross Event.....	12
STR 6.4	Endurance Event.....	12
STR 6.5	Efficiency Event	12
STR 6.6	Extra runs.....	12

CHANGELOG

Rule	Version	Change
STR 3.1.1	1.0	ESOQ is now required
STR 4.2.1	1.0	Waived penalty for re-scrutineering
STR 4.3.1	1.0	Teams are required to bring extension cord for charging
STR 5.1.1	1.0	BPS is not mandatory
STR 5.1.4	1.0	Business Plan Event evaluation now matches FSEast
STR 5.2.3	1.0	Adjusted Cost & Manufacturing Event evaluation categories

ABBREVIATIONS

FSEaster	Formula Student Easter 2025 organized by the Association of Automotive Engineers
FSEast	Formula Student East 2025 organized by the Association of Automotive Engineers
FS Rules	Formula Student Rules 2025 published by Formula Student Germany
BPPEC	Business Plan Presentation Electronic Copy
HIC	Health Insurance Certificate
EA	Reference to the FS East 2025 Competition Handbook

FSEASTER DOMAINS

fseast.eu

FSEast official website. Navigate to <https://fseast.eu/fseaster-2025/>.

STR 1 GENERAL REGULATIONS

STR 1.1 COMPETITION OBJECTIVE

STR 1.1.1 FSEaster is a pre-season event with the purpose of giving teams a chance to prove their competition-readiness without stakes, and to provide them valuable feedback regarding scrutineering and static events with circumstances resembling a main-season competition as close as possible.

STR 1.1.2 FSEaster is not a World Ranking List event.

STR 1.2 FSEASTER RULES

STR 1.2.1 FSEaster will follow FS Rules and FSEast regulations with exceptions and modifications detailed in this document. In case of any contradiction between these three documents, the order of precedence is FSEaster Comp. Handbook > FSEast Comp. Handbook > FS Rules.

STR 1.3 COMPETITION PROCEDURE

STR 1.3.1 There is no DV class or Driverless Cup at FSEaster. The achievable points in CV and EV classes are the same as shown in FSEast Competition Handbook Table 2.

STR 1.3.2 CV and EV classes will be scored together. There will be a single, shared ranking.

STR 1.4 COMPETITION DATE AND LOCATION

STR 1.4.1 FSEaster will take place from 2025-06-13 to 2025-06-15 at ZalaZONE Proving Ground, Zalaegerszeg, Hungary.

STR 1.5 VEHICLE & PERSONAL TRANSPORT

STR 1.5.1 The pit area and the dynamic area are not within walking distance from each other. Pedestrian traffic outside the pit area and the staging area next to the dynamic platform is prohibited.

STR 1.5.2 All participants must use motorized, street legal vehicles to get around the event site. The racing car and all necessary equipment must be transported between the pit area and the dynamic area with a suitable transport vehicle.

STR 1.5.3 All drivers must adhere to the Hungarian Highway Code when driving within ZalaZONE perimeters. The speed limit on connection roads is 90 km/h.

STR 1.6 [EV ONLY] TSAC EVENING STORAGE

STR 1.6.1 EA 1.11 is void.

STR 1.7 ACCOMODATION RULES

STR 1.7.1 The accommodation provided by the organizers is not exclusive for FSEaster. All participants must adhere to the house rules of the local service provider.

STR 2 REGISTRATION

STR 2.1 REGISTRATION PROCESS

STR 2.1.1 Registration to FSEast is first come, first served. There is no registration quiz. Details about the registration procedure is available at <https://fseast.eu/fseaster-2025/>.

STR 2.1.2 EA 2 is void, with exceptions detailed below.

STR 2.2 REGISTRATION SLOTS

STR 2.2.1 There are 12 slots available at FSEaster.

STR 2.2.2 Officials will post a statement if there are no more open slots available.

STR 2.3 REGISTRATION FEE

STR 2.3.1 The registration fee is 1000 EUR + VAT. Registration can only be accepted once the payment has been made.

STR 2.3.2 Terms & Conditions detailed in EA 2.7 apply. Banking information is the same as in EA 2.7.8.

STR 2.4 REFUND POLICY

STR 2.4.1 The refund policy detailed in EA 2.8 applies.

STR 2.5 CAR NUMBER

STR 2.5.1 Teams are free to choose any car number between 1 and 999.

STR 3 DATES & DOCUMENTS

STR 3.1 DEADLINES

STR 3.1.1 The following documents must be submitted to FSEaster by their respective deadline. Documents not listed in this table are not required.

Document	Deadline
ESF	2025-03-28 13:00
HSF	2025-03-28 13:00
SES & SE3D	2025-03-14 13:00
ASES	2025-03-14 13:00
IAD	2025-03-14 13:00
TMD & HIC	2025-05-01 23:59
ESOQ	2025-06-04 23:59
CRD	2025-06-06 23:59

Table 1: Required documents

STR 3.2 LATE SUBMISSION

STR 3.2.1 EA 3.3 is void. 5 penalty points are applied for late submission per document.

STR 3.3 DE-REGISTRATION

STR 3.3.1 EA 3.4 is void. There is no de-registration for missing submission deadlines.

STR 3.4 TMD & HIC

STR 3.4.1 Registered teams will receive instructions on how they should submit their TMD and HIC.

STR 4 TECHNICAL REGULATIONS

STR 4.1 AUTONOMOUS SYSTEM

- STR 4.1.1 The autonomous system components may be removed from the car or left in the car at the team's discretion.
- STR 4.1.2 If the autonomous system components are not removed, the ASMS must be kept switch off & locked out and the ASB must be deactivated/discharged.

STR 4.2 RE-SCRUTINEERING

- STR 4.2.1 EA 4.9.1 is void.

STR 4.3 [EV ONLY] ACCUMULATOR CHARGING

- STR 4.3.1 Teams have to bring their own 3-phase extension cord for charging. Exact specifications of the available sockets will be communicated to the teams before the competition.

STR 5 STATIC EVENTS

STR 5.1 BUSINESS PLAN PRESENTATION EVENT

- STR 5.1.1 Business Plan Specification (BPS) is not required for FSEaster. Teams are invited to present their BPS (and any BP material) to the judges and ask for feedback.
- STR 5.1.2 Submission of Business Plan Presentation Electronic Copy (BPPEC) is not required for FSEaster.
- STR 5.1.3 There will be no Deep Dive Topic at FSEaster. The available time for presentation is unaffected (10 minutes).
- STR 5.1.4 The Business Plan Presentation Event will be evaluated as described in EA 5.1.2

STR 5.2 COST AND MANUFACTURING EVENT

- STR 5.2.1 There will be no Real Case Scenario at FSEaster. Instead of Real Case the Cost Understanding Discussion will be prolonged to leave additional time for more questions and in-depth discussions.
- STR 5.2.2 Submitting a CRD is not mandatory for FSEaster, but highly recommended. Only presented content will be evaluated during “BOM Discussion”.
- STR 5.2.3 The Cost and Manufacturing Event will be evaluated on the categories specified in Table 2.

Category	Points
BOM Discussion	50
Cost Understanding	50
Total	100

Table 2: Cost and Manufacturing Event categories.

STR 5.3 ENGINEERING DESIGN EVENT

- STR 5.3.1 EDR and DSS are not required for FSEaster. Teams are invited to present their finished or work-in-progress documents to the judges and ask for feedback.
- STR 5.3.2 The Engineering Design Event will be evaluated as described in EA 5.3.4 and EA 5.3.5.

STR 5.4 STATIC FINALS

- STR 5.4.1 There will be no Static Finals at FSEaster.

STR 6 DYNAMIC EVENTS

STR 6.1 SKIDPAD EVENT

STR 6.1.1 Each team has **six** runs, driven by two drivers with **three** runs each.

STR 6.2 ACCELERATION EVENT

STR 6.2.1 Each team has **six** runs, driven by two drivers with **three** runs each.

STR 6.3 AUTOCROSS EVENT

STR 6.3.1 As per EA 6.9.

STR 6.4 ENDURANCE EVENT

STR 6.4.1 The running order will be communicated to the teams before the start of the event.

STR 6.5 EFFICIENCY EVENT

STR 6.5.1 [CV only] The energy is calculated based on the following formula:

$$E_{team} = V_{team} \cdot 3.55 \text{ kWh/l}$$

V_{team} is the team's corrected used fuel volume.

STR 6.6 EXTRA RUNS

STR 6.6.1 Upon the officials discretion teams may be granted extra runs for testing purposes. These extra runs do not count towards the final results. Teams who have not yet completed their standard runs have priority over teams who already have. Extra runs should be requested from the dynamic officials.