



COMPETITION HANDBOOK

2026

TABLE OF CONTENTS

GENERAL INFORMATION.....	3
EVENT SIDE AND ACCOMMODATION.....	5
IMPORTANT DOCUMENT DATES	6
RULES AND GUIDELINES	7
TECHNICAL AND SAFETY INSPECTIONS	9
STATIC EVENTS	11
CONTACT INFO	12

1-GENERAL INFORMATION

Competition

Formula Student Türkiye (FST) is an unofficial Formula Student competition organized by BILSAS, taking place in İzmit, Türkiye.

FST 2026 will feature two categories: CV/HY and EV. The event is scheduled to run from September 21st to 27th, 2026, at the TOSFED Körfez Racing Track. Additional details, such as the event site, schedule, registration process, and more, will be announced closer to the competition date.

Every team must be registered on the official FST and FSG websites:

[FS Türkiye Website](#)

[FS Germany Website](#)

Applicable Rules

The event will be organized in compliance with the Formula Student Rules 2026, which represent the main set of guidelines for the competition. Any matters not specifically addressed in this handbook will be resolved in accordance with the [Formula Student Rules 2026](#).

Official Exception regarding FS Rules 2026 v1.1: An exception is granted for the design of the accumulator. All teams must comply with the requirements for the accumulator container and mounting (EV 5.8) by following either the FS Rules 2025 v1.1 or the FS Rules 2026 v1.1. This exception is effective for the 2026 season and must be clearly documented in your design and compliance planning.

Officials retain the authority to adjust the schedule or interpret and modify the competition rules as needed, at their sole discretion, to ensure the event is conducted safely and efficiently.

Competition Categories

FST 2026 will host two classes:

Class 1, where teams are expected to compete in both Static and Dynamic events.

Class 2, where teams only compete in the Static events

Class 1 is further split into two categories: Electric Vehicles (EV) and Combustion/Hybrid Vehicles (CV/HY).

Teams participating in the Class 2 category will take part in static events (Business Plan Presentation, Cost & Manufacturing, Engineering Design).

It is not mandatory for teams to have a vehicle present during the event.

Registration Fee

Team registration will be conducted via a Registration Quiz. Participation in the quiz is mandatory; registration cannot be completed without taking part in it. The quiz will cover knowledge from all fields related to Formula Student regulations. The quiz will be accessible on Sunday, February 1st, 2026, between 10:00 AM and 10:00 PM (22:00). Quiz results will be announced on February 7th, 2026. Further details regarding the quiz format and specific instructions will be announced later.

Registration fees:

Class 1 (CV or EV): € 1250 + VAT

Class 2 : € 750 + VAT

The fees are applicable for teams of up to 20 members.

If there are two different car types like CV or EV from the same university, the registration fee must be paid separately.

Deregistration

If a team asks to be de-registered before 31.03.2026 then a refund of 50 % will be issued. After on this date there is no refund.

Team Member and Camping Registration

After the team successfully registered, team members are also required to register in FST website.

The competition fees cover up to 20 team members. For teams exceeding 20 members, an additional camp fee of €50 + VAT per person will be charged.

Scoring

Category	CV/HY	EV
Business Plan Presentation	75	75
Cost and Manufacturing	100	100
Engineering Design	150	150
Skid Pad	75	75
Acceleration	75	75
Autocross	100	100
Endurance	325	325
Efficiency	100	100
Total	1000	1000

2-EVENT SIDE AND ACCOMMODATION

The event will take place at TOSFED Körfez Racing Track. A detailed map of the circuit, including the track layout and designated tent areas, will be shared later.



3-IMPORTANT DOCUMENT DATES

Deadlines

All documents and links must be uploaded by 13:00 CE(S)T on the deadline day. Documents that have to be uploaded to the FSG website do not have to be uploaded to the FST website.

If a team fails to upload IAD, SES, SE3D, ESF, and VSV documents by the last submission deadline they will be de-registered from the competition. Re-upload days are only meant for corrections, when required by the organizers. The team will be notified via email, and the countdown starts with the sending of the email. Daily penalty points are also applied for late re-upload submission. For all the documents that are part of the static disciplines, the team will receive penalty points up to the maximum possible points available for the discipline they are for. Penalty points will be deducted from the overall score.

Content	Dates
Impact Attenuator Data (IAD)	2026-03-13 13:00 CET
Structural Equivalency 3D Model (SE3D)	2026-03-13 13:00 CET
Structural Equivalency Spreadsheet (SES)	2026-03-13 13:00 CET
SES Approval (SESA)	2026-03-13 13:00 CET
Electrical System Form (ESF)	2026-03-27 13:00 CET
Business Plan Executive & Financial Summary (BPEFS)	2026-05-29 13:00 CEST
Technical Vehicle System Documentation (TVSD)	2026-05-29 13:00 CEST
Electrical System Officer Qualification (ESOQ)	2026-06-19 13:00 CEST
Vehicle Status Video (VSV)	2026-08-30 13:00 CEST
Drivers Registration (DR)	2026-09-10 13:00 CEST
Team Member Registration Form (TMRF)	2026-08-30 13:00 CEST

4-RULES AND GUIDELINES

Event Rules

Behavior

The goal of FST 2026 is to ensure a safe and accident-free experience for participants, volunteers, and spectators. These guidelines have been established to inform teams about potential unsafe practices in the pit and dynamic areas and to ensure all activities are carried out safely. Any practices that pose a risk to life or health are strictly prohibited.

Alcohol

Alcohol is strictly forbidden on the event site. There will be alcohol testing (breathalyzers) during the event.

Trash

Teams are accountable for maintaining cleanliness in their pits during the event. Garbage containers are available in the paddock and designated areas as provided by the Organizer. It is forbidden to leave any trash after the end of the event (including broken parts, old furniture, used tires, oil, grease, or other materials).

Fires and Smoking

No open fires are allowed at the event site (except for the campsite cooking area and unless marked otherwise). This includes BBQ grills, oxy-acetylene torches, heaters, cigarettes, etc. Smoking is strictly prohibited in the dynamic area, all buildings, and the pit area. Smoking is permitted only in the dedicated area marked with signs.

Fire Extinguishers

Ensure that your fire extinguishers are always readily accessible. All team members must be familiar with their use. It is mandatory for at least one fire extinguisher to accompany the car regardless of its location.

Working on the Car

The use of angle grinders is limited to the designated welding area. Safety glasses must be worn when operating angle grinders. Eye protection is mandatory for the operation of all electrical machinery, such as drills or angle drivers. Additionally, when using metal cutting equipment that generates metal chips, both the operator and any assisting team members must wear eye protection. For tools that produce loud noise, hearing protection is also required.

Running Engines

Engines (IC) may be run, and vehicles (EV) placed in ready-to-drive mode, only in the designated engine test area and only after passing scrutineering. Engines can be started only if the drive wheels are elevated off the ground.

Ready-To-Race (R2R)

The ready-to-race condition demands that a vehicle must be fully assembled, with all the bodywork and fluids filled up to the maximum fill level, in complete and finished condition.

Driving Practice

Driving practice is only allowed during the designated times in the Practice Area.

5-TECHNICAL AND SAFETY INSPECTIONS

General

Vehicles must successfully complete the Technical and Safety Inspection (commonly known as Scrutineering) before being permitted to access the Engine Running Area, Practice Area, or participate in dynamic events. All vehicles, whether CV or EV, are required to pass the following inspections:

CV/HY	EV
Pre-Inspection & Driver Egress	
Mechanical Scrutineering	Accumulator Scrutineering
	Mechanical Scrutineering
	Electrical Scrutineering (LV & HV)
Vehicle Weighing	
Tilt Test	
Noise Test	Rain Test
Brake Test	

The event technical inspection stickers will be placed on the nose of the vehicle. If a vehicle is no longer in compliance with the rules, the officials will set the vehicle's technical inspection status to fail, remove the respective inspection sticker(s) from the vehicle, and note the reason for revoking the technical inspection approval in the technical inspection sheet.

Scrutineering

Pre-Inspection

Must be completed before mechanical inspection.

Conducted in the pits alongside driver's egress.

Mechanical Scrutineering

Important: A maximum of four team members, including the tallest registered driver, are permitted to enter the technical inspection area.

EV-Specific:

The TS accumulator must be removed from the car.

Can be done in parallel with the accumulator inspection.

Officials have the right to inspect any vehicle at any time during the event.

Electrical Inspection (EV Only)

Divided into Low Voltage (LV) and High Voltage (HV) inspections:

LV Inspection:

Can be conducted in parallel to accumulator inspection or before it is passed.

Accumulator must remain outside the vehicle during LV inspection.

HV Inspection:

Must be conducted after the accumulator inspection.

Accumulator Scrutineering (EV Only)

Required before HV electrical inspection.

Noise Test

BSPD system functionality will be evaluated in the noise test area

Upon passing, the airtightness of the intake system will be tested by sealing the inlet, ensuring the engine stalls.

Brake Test

BOTS functionality will be verified according to FS Rules 2026 (T 6.2).

Brake system requirements:

Must dynamically lock all four wheels simultaneously.

Vehicle must come to a stop in a straight line at the end of a specified acceleration run.

A half-rotation difference between front and rear axles is permitted.

6-STATIC EVENTS

Business Plan Presentation

The goal of the BPP is to evaluate the team's ability to design and deliver a detailed business model. This model should present a product or service centered around the team's prototype vehicle or a specific component of it, demonstrating a profitable business opportunity. The vehicle or its component must play a key role in the value proposition.

Judges should be approached as potential investors or partners for the proposed business model. The quality of the prototype itself will not be considered during BPP judging and is therefore not relevant. Presentations are limited to a maximum duration of 10 minutes; judges will stop any presentation that exceeds this time limit. Questions will not interrupt the presentation; instead, a question-and-answer session will take place immediately after the presentation.

Cost and Manufacturing Event

Teams must submit the CRD in accordance with the Rules. The event will be held live in the paddock. Judges will visit teams at their pits, so teams are advised to be present on time. Please note that judges will evaluate only what is physically on the car, not what is intended to be on it; therefore, the car must be in ready-to-race condition.

Engineering Design Event

Teams must submit the TVSD in accordance with the Rules. The event will be held live in the paddock. Judges will visit teams at their pits, and teams are advised to be present on time with a car in race-ready condition. There will always be at least one judge assigned to each judging category.

Category	CV&HY/EV
Overall Vehicle Concept	30
Vehicle Dynamics	25
Aerodynamics	25
Powertrain	25
Chassis & Driver Interface	20
LV-Electronics / Electronics / HW/ SW Compute	20
Technical Vehicle System Documentation	5
Total	150

7- CONTACT INFO

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