



中国大学生方程式系列赛事
FORMULA STUDENT CHINA

SEASON HANDBOOK 2025 Version1.0

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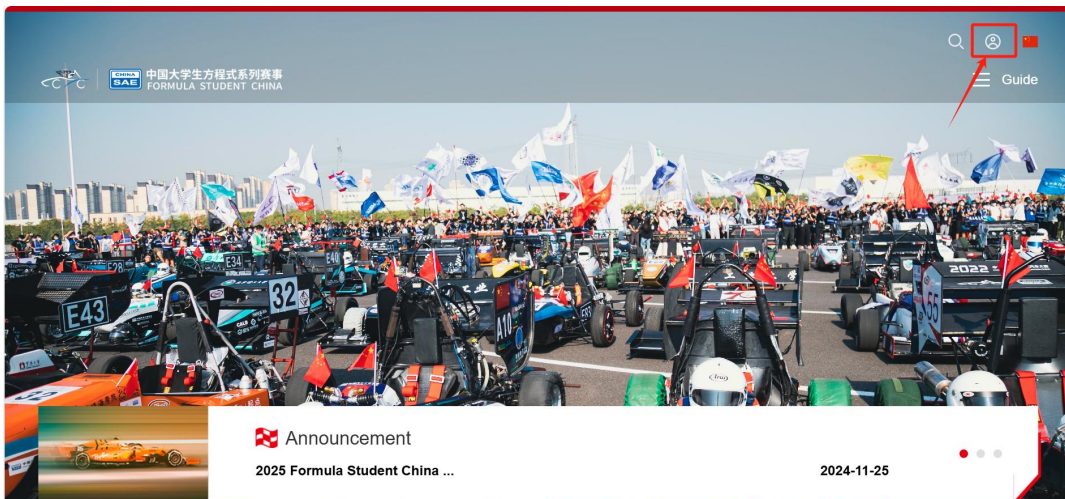
1. General Information

1.1 Event Information

Formula Student China (FSC) was founded in 2009 and is a non-profit social welfare competition dedicated to building a public education and communication platform for the Automobile Industry in Asia-Pacific Area.

FSC 2025 will have three class: CV&HY (FSCC) , EV (FSEC) and AV (FSAC).

Teams participating in FSC must be registered on the FSC website.



Links to Chinese Website : www.formulastudent.com.cn

Links to English Website: <http://formulastudent.sae-china.org/>

Competition Time & Location (Predicted):

2025 FSCC will be held from Oct 9-13 in Zhengzhou City, Henan Province

2025 FSEC&FSAC will be held form Oct 21-26 in Hefei City, Anhui Province.

The specific time and location for 2025 will be announced two months before the competition.

Participating Teams & Car No.

2025 FSC has no limit on the number of teams, car number of Chinese teams depends on the time when completed registration Quiz. The international team can register freely before April 26, and car number will be in the back row.

Registration on Site

Before arriving at the site, Teams needs to upload the scanned passport first page and other information of team members(no more than 25) and advisors(no more than 5) to the corresponding project of the FSC system in the "List of participants" in the FSC system.

Upon arrival at the site, teams needs to complete the registration at the Secretariat, and captain needs to bring the passports of all the team members to register and receive the member's chest card. Upon registration, teams will receive a package containing the race manual, inspection sheet and other items, as well as five vests and wristbands.

Items need to receive:	Chest Card	Items need to provide/ hand in	Driver Disclaimer (signature required)
	Handbooks (Competition Handbook & Rules Handbook)		Identity card/passport for all members
	Inspection background sticker		Diver license Photocopy (Driver Necessary)
	Vehicle No. Sticker		Photos for all members (3.5*5.3cm)
	Logo Sticker of China SAE		Welding Certification Photocopy (2 members or less)
	Inspection Sheet		ESO Certificate Photocopy (EV&AV Only, 2 members or less)
	Inspection Vests*4		ASR Certification

	ESO Vest* 1		Photocopy
	Wristbands (Welding, ESO, ASR, Drivers)		(AV Only, 1 member)

Wristbands:

Welding Wristbands: Team's welding members are required to show welding qualification or certification stamped by school or above in order to obtain at least one but no more than two wristbands, and only the members with the wristbands can perform welding operations in the Maintenance Area.

(EV Only) ESO Wristbands: Teams are required to display an ESO certification photocopy (CALB or FSG-recognized certificate) to receive no more than two ESO wristbands. If have not certification, an applications stamped by school or above is acceptable.

The links of all FSG-recognized certificate is below:

<https://www.formulastudent.de/pr/news/details/article/electrical-system-officer-qualification/>

1.2 Datalogger

The team needs to use the power meter and timer provided by the official, and the relevant information will be published on the official website later.

Track

The Track of FSCC and FSEC will be published in competition handbook.

2. Rules & Guidelines

2.1 Official Rules

FSC adheres to FSC Rules(Chinese Version). For international teams, FSAE and FS rules will be admit, and Inspection Sheet of FSAE & FS will be provided on the site.

Links of FS Rules:

<https://www.formulastudent.de/fsg/rules/>

Links of FSAE Rules:

<https://www.fsaeonline.com/cdsweb/gen/DocumentResources.aspx>

Scoring

The scoring of the FSC competition will be taken in the following table.

	CV&EV	AV
Static Events	Total 325 points	Total 300
Engineering Design	150 points	300 points
Business Presentation	75 points	-
Cost	100 points	-
Dynamic Events	Total 675 points	700 points
Acceleration	75 points	100 points
Skid Pad	75 points	150 points
Autocross	100 points	125 points
Endurance	325 points	-

Efficiency	100 points	
Trackdrive	-	325 points
Overall	1000 points	1000 points

2.2 Documents Upload

All documents need to be uploaded through the FSC system and penalties for late or missed submissions will be announced before the race. We doesn't assume any responsibility if files cannot be uploaded on the last day of the submission deadline due to system crash or other reasons.

File name:

The race system has an automatic naming function, and the teams do not need to be named according to format.

Deadline:

The deadline for submission of all documents is 24:00 CST on the requested date.

Technical and Safety Inspection

2.3 General

Teams have to go through a series of inspections to make sure vehicles safety and conformed all rules before they are allowed to compete in dynamic events.

All vehicles need to pass the following inspections.

CV	EV	AV
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Driver Egress			
Mechanical Inspection	Accumulator Inspection		
	Mechanical Inspection		
	Electrical Inspection	Electrical Inspection	
		Autonomous Inspection	
Weighting			
Tilting Test			
Noise Test	Rain Test		
Brake Test			
Dynamic Practise			

Vehicles will be inspected in order according to the Vehicle number, and if the team is unable to submit all the documents before the race, the inspection will be placed last.

3. State Events

3.1 Business Event

Business Plan Presentation Event

The purpose of the business plan presentation is to assess the ability of the fleet to build and present an integrated business model that can convince external investors to invest in the team's proposed program, **taking into account social responsibility and sustainable development.**

Presentations are limited to 12 minutes. The presentation of the business report will take 10 minutes, the presentation of the team's operating concept and typical marketing cases will take 2 minutes, and any presentation beyond the 12-minute time limit will be interrupted by the referee.

Business promotion assessment (15 points)

When the overseas team participates in the commercial defense, an extra 2 minutes will be provided for the team to introduce and display the relevant activities and results of the commercial promotion practice, and the referee will give a subjective score according to the "Competition Commercial Promotion Practice Ability Score Calculation Table".

3.2 Cost Event

Documents: Teams are required to submit CR documents (BOM, FCA, Real Case Scenario) in the system before competing.

Statements:A discussion will be made by the referee at the side of the car. This not only assesses the cost of vehicles, but also the team's ability to accurately estimate manufacturing costs.

Real Case Scenario:Students must prepare according to the case questions published before the competition, analyze and present on the field, and answer questions on the cost of the car manufacturing process.

3.3 Engineering Design Report

The parameter sheet and design report must be submitted to the system before the competition.

Design Report should contain the cover, content, and three views of the vehicle, and the total number of pages should not exceed 8 pages.

Scoring:

Category	Points
Suspension/Steering/Braking	35 points
Aerodynamic/Styling	20 points
Engine/Transmission/Electrical/Hybrid (Only CV)	40 points
Accumulator/Transmission/BMS/Electrical (Only EV)	40 Points
Ergonomic/Safety	25 points
Team management/Test	15 points

Report Document	15 points
Overall	150

4. Dynamic Events

4.1 Captains and Drivers Briefings

The Team Captains briefings will be held on Day1 and Day2. Driver's briefings will be held on each day before track is open. All drivers for that day and Captains must attend.

A minimum of four and maximum of six drivers are allowed for each team. Drivers must be registered and show a valid driving license.

4.2 Dynamic Events

Acceleration

Timing will start when any part of the vehicle crosses the start line. Once the vehicle passes the start line, the run has been officially attempted and cannot be re-started. Each team has four runs, driven by two drivers with two runs each. Each drivers has the option to make a second run immediately after his first run.

Skid Pad

Each team has four runs, driven by two drivers with two runs each. Each drivers has the option to make a second run immediately after his first run.

Autocross

Each team has four runs, driven by two drivers with two runs each. Each drivers

has the option to make a second run immediately after his first run.

Endurance

Starting order is based on autocross qualification. Only two team members, alongside the two drivers, are allowed in the staging area for the vehicle.

The post event technical inspection must be passed score points in the endurance event.

Efficiency & Fuel Info

Detailed efficiency test calculations can be found in the FSC Rules.

(CV only) Officially designated gasoline is E98 Ron (98 Ron with 10% alcohol), E85 or other types of fuel will not be provided.

(HY only) The electric energy consumption of hybrid cars is not included in the efficiency test.

5. Contact Info

Officials	Responsibility	Contact
Zheng Hao	General, Team Contact	zhenghao@sae-china.org
Cao Yifan	Secretariat	cyf@sae-china.org

In order to facilitate the communication of overseas teams, we have set up an international team group on WhatsApp, which can also contact FSC officials (Zheng Hao +86 15726636895) directly through WhatsApp in addition to email.