



AI/Robotics Course in Shanghai, China

Future

Create

Innovation

About CATS/CSVPA China in Shanghai

CATS / CSVPA China campus is located in Shanghai, approximately 30 minutes from the city centre, offering students both a peaceful learning environment and easy access to the city's cultural and creative attractions.

The campus is modern, safe, and well-equipped with high-quality facilities designed to support both academic study and student life, including Comfortable ensuite student accommodation, a student canteen serving daily meals both Chinese and Western styles, Sports and fitness facilities, Professional art studios and creative learning spaces, computer room, Convenient on-campus store for daily essentials. The campus provides students with a secure and welcoming residential experience, allowing them to enjoy both independent living and full support during their summer programme.



2-Week AI/Robotics Science Summer Course in Shanghai.

This course is designed to support progression from early foundational learning to mid-advanced applications, making complex concepts accessible, engaging, and future-focused, in the meantime for students to truly experience China through its language, food, science, and vibrant city life.



WHAT'S INCLUDED:



TUITION

Students will take part in robotics lessons. Through hands-on projects and guided problem-solving, students strengthen computational thinking, logical reasoning, creativity, teamwork, and confidence in using technology.



ACTIVITIES

We offer a variety of on-site activities, including Chinese cuisine cooking, Chinese dim sum making, and an illustration project themed around Chinese art. Evening sports and team games are also arranged, allowing students to relax and make international friends outside of class.



EXCURSIONS

Excursions allow students to truly get to know Shanghai, one of the most dynamic international cities in the world. We will take students to Zhujiajiao Ancient Water Town, Huaihai Road, The Bund, and Yu Garden, where they can experience both history and modernity. Students will also have the opportunity to go shopping at the Outlets and may choose to join a one-day trip to Shanghai Disneyland.



CERTIFICATE

Awarded for the successful completion of the course.

COURSE BENEFITS & LEARNING OUTCOMES

The AI & Robotics course combines robotics, coding, and AI foundations into one structured learning experience, giving students a practical introduction to how intelligent systems are designed, built, and applied. By integrating hardware, software, and curriculum, the course helps learners move beyond theory and develop a real understanding of how coding controls machines, how sensors collect data, and how AI enables systems to make decisions.

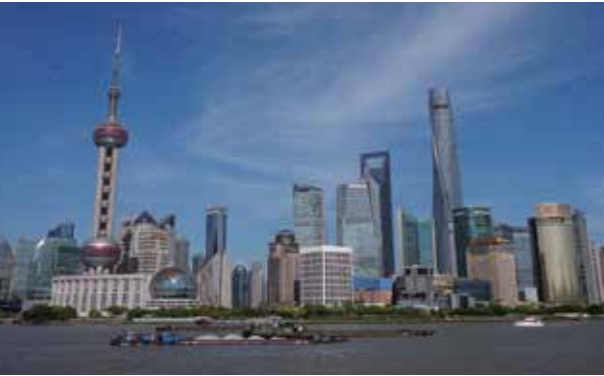
BENEFITS FOR STUDENTS

- Establish a strong foundation for advanced STEAM learning, preparing students for further study in engineering, computer science, and emerging technologies
- Develop problem-solving and logical thinking by designing, testing, and improving robotic systems.
- Strengthen creativity and innovation through project-based challenges that turn ideas into working solutions
- Gain confidence with technology by learning how hardware, software, and AI work together in real-world applications
- Improve teamwork and communication skills through collaborative tasks, discussion, and presentation of ideas
- Build confidence in communicating with local Chinese and navigating a new environment independently

Average class size
16 students

Accommodation
Double en-suite room
Meals are included (breakfast, lunch and dinner)
Excursions are also included

Requirements
Age: 14+



Learning Outcomes

Students will experience an immersive combination of science learning in one of China's most vibrant cultural cities. By the end of programme, students will:

1. Understand the core concepts of robotics, programming, and artificial intelligence
2. Build and control simple robotic systems using coding and hardware components
3. Explore how sensors, automation, and machine logic work together in real-world applications
4. Apply problem-solving and design thinking to complete robotics and AI challenges
5. Gain early exposure to future-ready skills relevant to STEAM learning, digital literacy, and emerging technology pathways

Step Into China. Start With Shanghai.
Learn, Explore, Grow.

SAMPLE PROGRAM

Week 1	MORNING 08:45-12:00			AFTERNOON 13:00-16:00		EVENING 19:30-22:00	
Sunday	Arrival					DINNER	Accommodation Briefing
Monday	BREAKFAST	Orientation & Ice Break	LUNCH	Activities on campus - Chinese Cuisine Cooking			Sports & Games
Tuesday		AI/Robotics Course		Half Day Excursion: Zhu Jia Jiao, Ancient Water Town			Sports & Games
Wednesday		AI/Robotics Course		Afternoon Sports			Movie Night
Thursday		AI/Robotics Course		Half Day Excursion: Paradise of Anime and Games			Sports & Games
Friday		AI/Robotics Course		Activities on campus - Illustration Project - Chinese Art			Sports & Games
Saturday	Full Day Shanghai City Excursion: The Bund, Yu Garden, Xintiandi, Tianzifang, Nanjing Road, A day combine iconic landmarks, culture, history, food, and modern Shanghai into one memorable experience.						

Week 2	MORNING 08:45-12:00			AFTERNOON 13:00-16:00		EVENING 19:30-22:00	
Sunday	Enjoying lovely weeked on campus OR Full day Excursion to Disney or LegoLand (Optional with Extra Charge)						
Monday	BREAKFAST	AI/Robotics Course	LUNCH	Afternoon Sports		DINNER	Sports & Games
Tuesday		AI/Robotics Base Tour and Course					Sports & Games
Wednesday		AI/Robotics Lessons	LUNCH	Half Day Excursion: Former French Concession.			Sports & Games
Thursday		Activities on campus - Chinese Dumplings Making		Half Day Excursion: Pudong Riverside Promenade			Movie Night
Friday		A fun and meaningful final day that allows students to reflect on their Shanghai experience, showcase what they have learned, create lasting memories, and leave with artwork and friendships to take home.					
Saturday	Departure						

Sample timetables are illustrative only. We reserve the right to make changes without notice.

