RIFFA VIEWS INTERNATIONAL SCHOOL
مدرسة الرفاع فيوز الدولية

MISTI MIT Global Experiences
Massachusetts Institute of Technology

DRIVING TOMORROW: BUILDING THE NEXT GENERATION OF EVs

ELECTRIC CAR ENGINEERING

MIT International Science & Technology Initiatives
Massachusetts Institute of Technology in Collaboration With **RVIS**

GTL 2026
5 January
29 January

Free of charge for all participants

Weekdays: 4:30 PM - 7:30 PM
Saturdays: 9:00 AM - 4:00 PM

Riffa Views International School

KEY BENEFITS

- MIT instructors and world-class mentorship
- Certificate of Participation
- Full subscriptions to required software and AI tools
- RVIS Scholarships opportunities available

Register Here

https://misti.rvis.edu.bh/

Final Showcase: January 29, 2026

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GTL 2026 - Program Overview

5 January - 29 January

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DESCRIPTION

Students will experience the full engineering design process by building functional ride-on electric vehicles, focusing on mechanical design, electronics integration, motion control, and sustainable energy concepts.

DETAILS

Duration: 4 Weeks (January 5-29, 2026)
Students: 20 Students
Instructors: 5 Innovators
Target: High School Students (Grades 9-12)
Total Hours: 76 hours
Starting Date: January 5, 2026

SKILLS STUDENTS WILL LEARN

- Mechanical design and prototyping.
- Electronics and motion control.
- Sustainable engineering concepts.

FUTURE-RELEVANT SKILLS

- Green tech and EV industry skills.
- Cross-disciplinary engineering (mechanical, electrical, control).

SOFT SKILLS DEVELOPMENT

- Teamwork and design thinking.
- Project management from idea to execution.

COMMUNITY IMPACT

- Fosters innovation in sustainable transport and green engineering.
- Encourages problem-solving for local environmental challenges.

PREREQUISITES

- **Required:** No Prerequisite Required.
- **Open to All:** With a strong interest in engineering, design, and teamwork.

Register Here