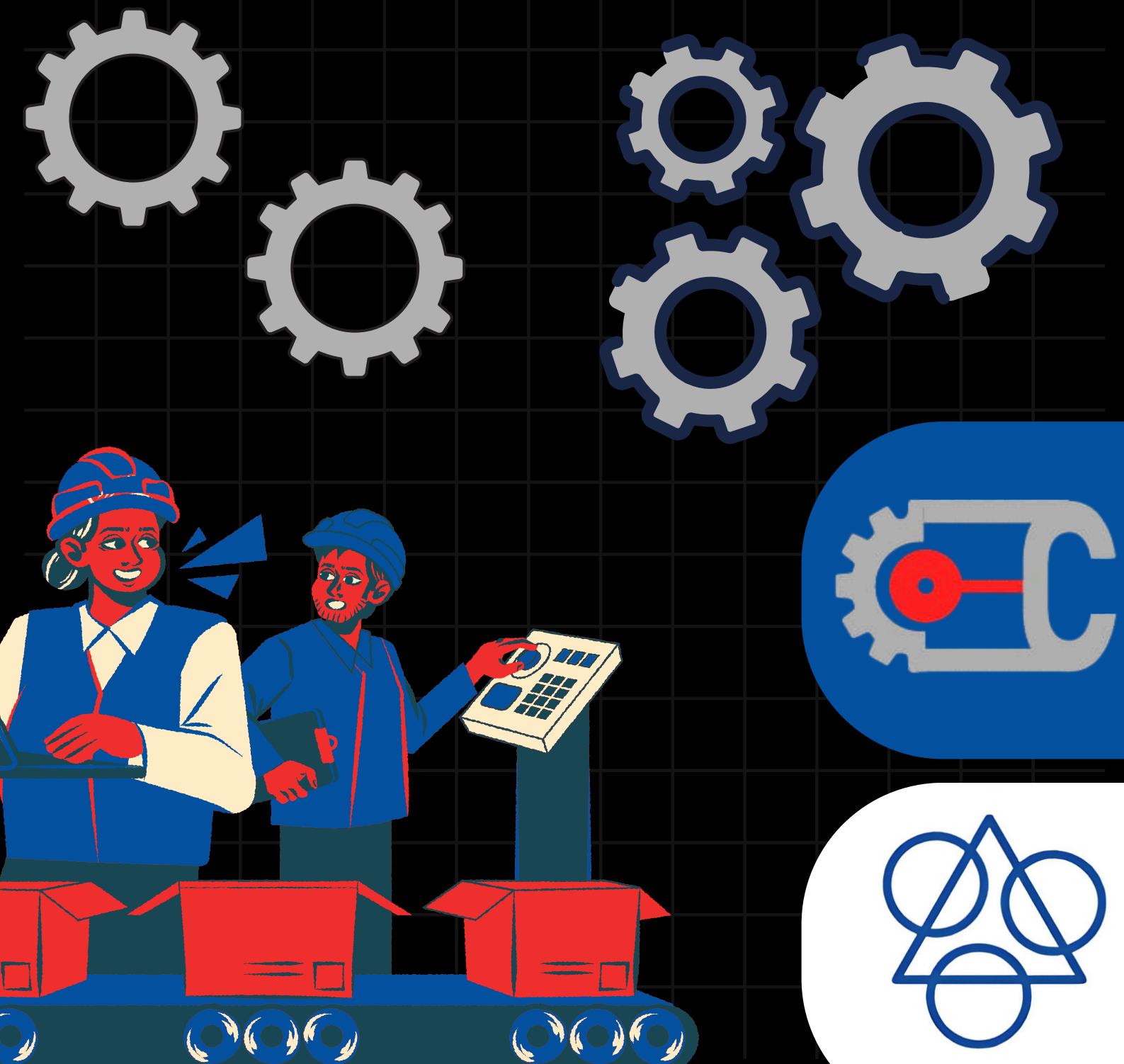


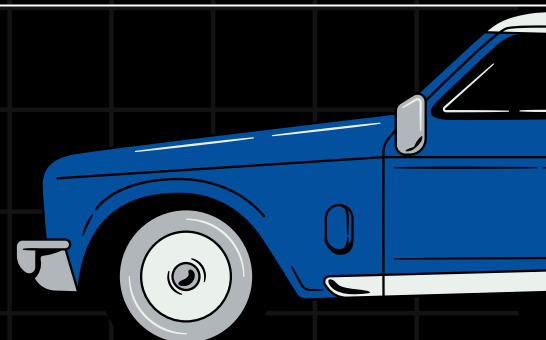
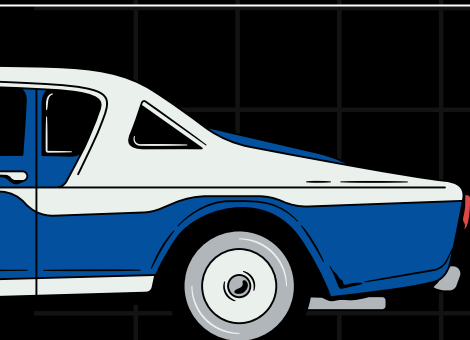
INTERNATIONAL COMPETITION FOR ENGINEERING DIAGNOSTICS 2025



ICED

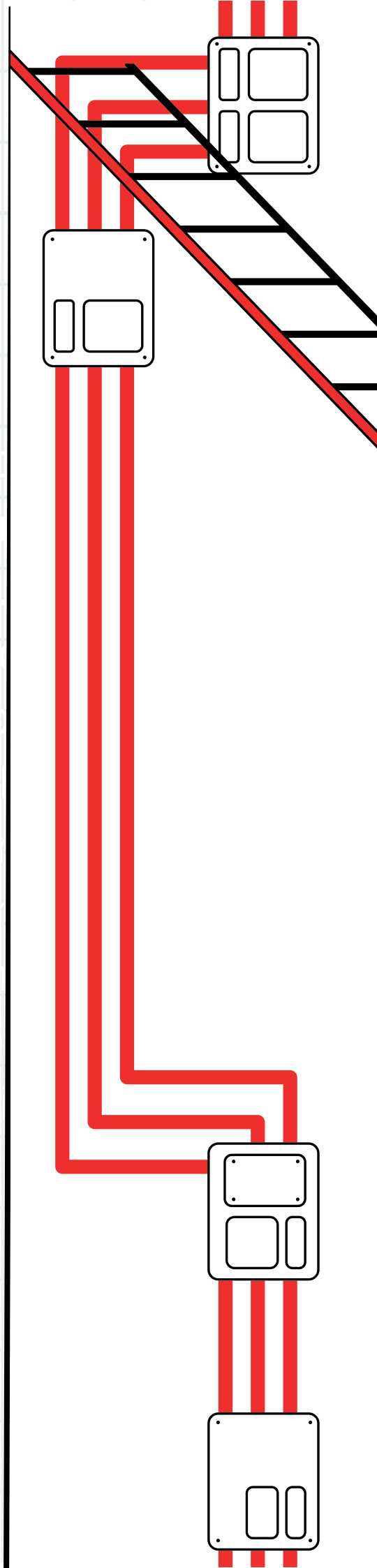


The International Competition for Engineering Diagnostics (ICED) is an exciting new engineering competition set to launch in 2025. Created by the senior students of STEM High School for Boys – 6th of October, ICED is designed to encourage and honor true enthusiasts of engineering. Even before its debut, the competition has garnered national and international attention. ICED aims to provide a powerful platform for young minds to explore, challenge, and showcase their problem-solving abilities in real-world engineering contexts.

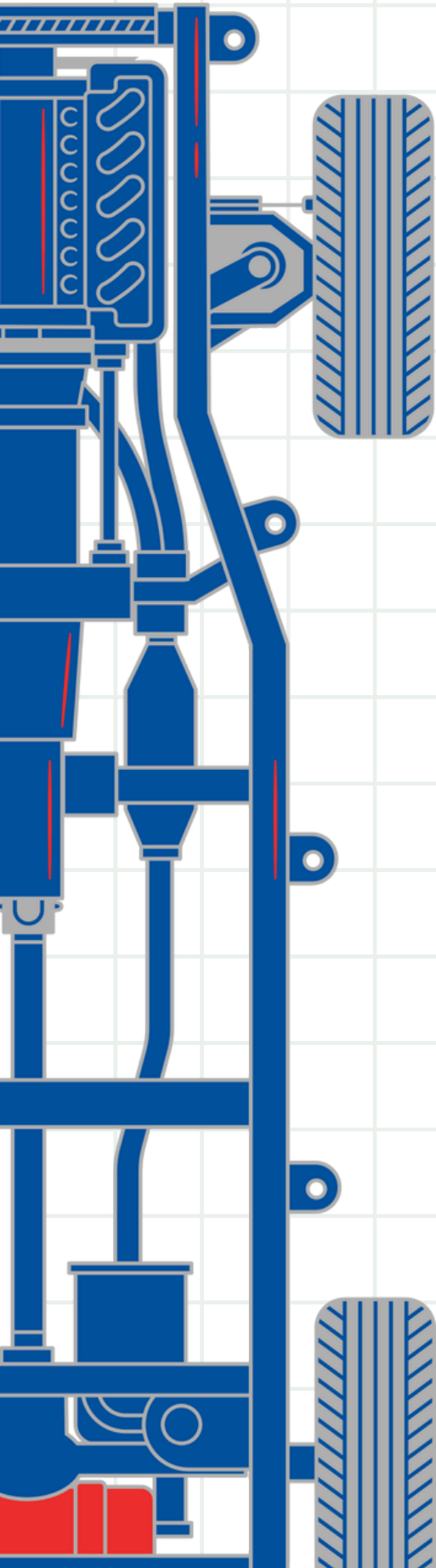


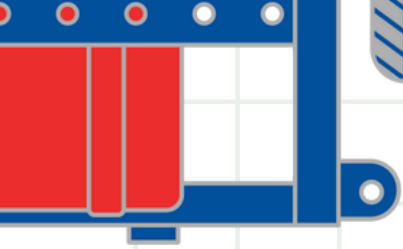
ELIGIBILITY

ICED is open to high school students from **grades 9 to 12**, welcoming young innovators who are eager to explore the challenges of real-world engineering. **Each team may include up to 3 students**, encouraging collaboration, creativity, and teamwork. What sets ICED apart is its commitment to accessibility—the competition is **completely free to enter**, ensuring that financial barriers never stand in the way of talent and ambition. Most importantly, ICED embraces a global perspective, inviting participants of all nationalities to come together in a diverse, inclusive environment that values shared ideas and cultural exchange. Whether you're solving complex problems or connecting with peers worldwide, ICED offers an empowering platform to celebrate the next generation of engineers.

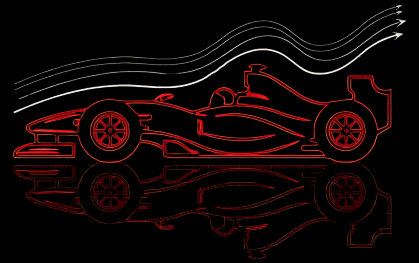
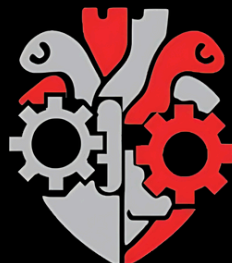


SYLLABLES

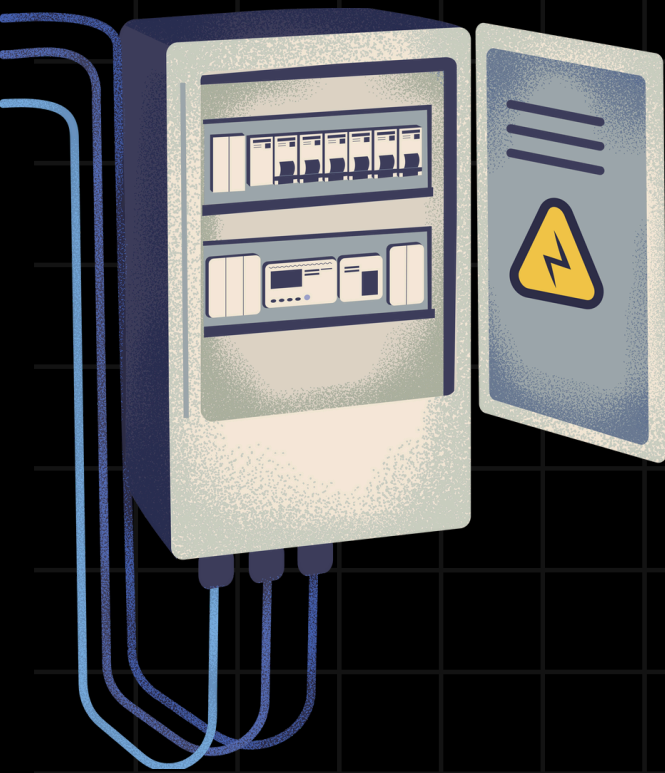




SYLLABLES



COMPETITION PHASES



PHASE I

The first phase of ICED is a 65-question, 3-hour online exam covering key areas, including biomedical, mechanical and automation, and electrical engineering, as well as some physics and math. It's designed to test core knowledge and problem-solving skills across these essential fields.

PHASE II

The second phase is also an online exam, featuring 52 questions over 2 hours. It focuses on core fields—biomedical, mechanical, and automation, and electrical engineering—but with way more advanced questions.



COMPETITION TIMELINE

1ST JUL

Registration
opens

15TH AUG

Registration
closes

20TH AUG

PHASE I

25TH AUG

PHASE I Results

5TH SEP

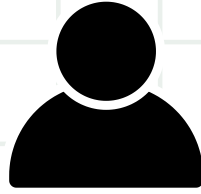
PHASE II

12TH SEP

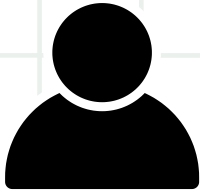
Winners
announcement

OUR TEAM

MAIN ORGANIZERS



Hamza Elrawy

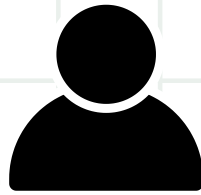


Ibrahim Yasser

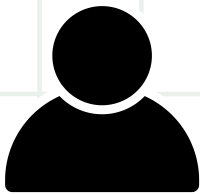


Mina Midhat

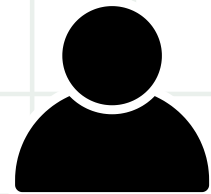
ADVISORY BOARD



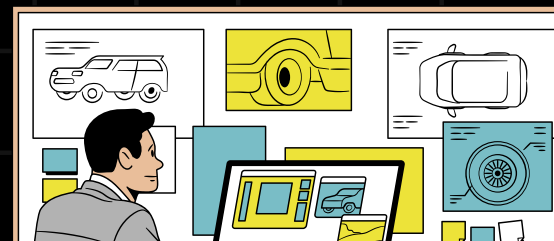
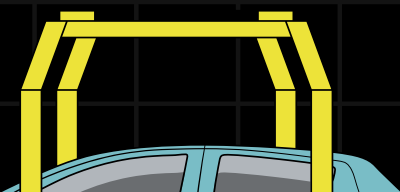
Eng. Mohamed Farouq

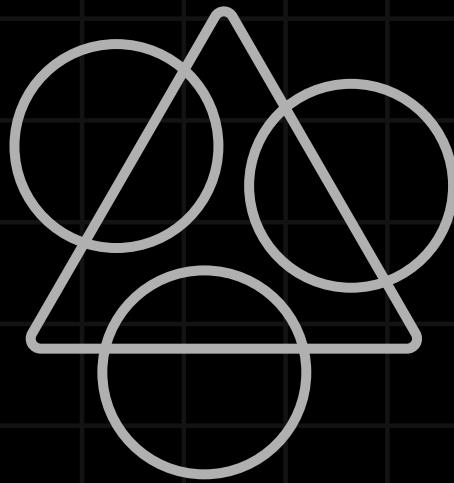
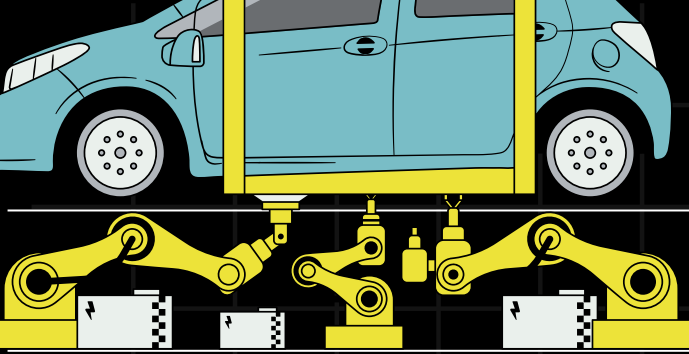


Ahmed Khaled



Abdelrahman Ehab





ICED

the mail@gmail.com