

Engineering Design Challenge I

April 16, 2016

Schedule of the day

- **OPENING CEREMONY** **9:00-9:30**
LOCATION: ENGINEERING LECTURE HALL, BECHTEL BUILDING

9:00-9:05	Introduction – Host: Dania Al Asady
9:05-9:10	Qusai Suwan – Competition Coordinator
9:10-9:20	Prof. Imad El Hajj – Head Judge
9:20-9:30	Getting to know our teams and judges

- **COMPETITION GAMES AND PRESENTATION** **10:00-1:30**
LOCATION: CHARLES HOSTLER SWIMMING POOL

Based on three games, the teams' robotic boats compete in terms of speed, accuracy, and ability to carry along additional cargo units. Additionally, every team will present their boat to professional judges for a detailed evaluation. The games and the presentations will be taking place at the same time.

- ✓ **King of Speed:** Boats have to complete a 21-meter track as fast as possible. Two boats complete the track side by side in each round, but at the end of the race, the two boats get scored independently.
- ✓ **Obstacle Course:** Boats get points for successfully completing crossings between obstacles and full turns around roundabouts.
- ✓ **Water Tanker:** Boats have to move as much water as possible from one container to another, using a cup. The boat has to carry the cup back and forth between loading and unloading areas

10:00-10:40	Speed round 1
10:50-11:30	Speed round 2
10:40-12:20	Speed round 3
10:00-1:00	Obstacle course
10:00-1:00	Water Tanker
10:00-1:10	Technical presentations
1:10-1:30	King of Speed tournament

➤ LUNCH AND MUSIC PERFORMANCES

1:30-3:00

LOCATION: CHARLES HOSTLER TERRACE

1:30-2:00	Awesome Music Performances <i>In collaboration with AUB Music Club</i>
2:00-3:00	Lunch Break <i>sponsored by Mia's catering & Dunkin Donuts</i>

➤ CLOSING CEREMONY

3:00-3:30

LOCATION: ENGINEERING LECTURE HALL, BECHTEL BUILDING

3:00-3:03	Introduction + Recap of the day
3:03-3:05	Certificate Distribution
3:05-3:20	King of Speed Award, Innovative Design and High Performance Awards announced Top 2 Teams announced and Evaluated
3:20-3:30	WINNER ANNOUNCED!

You are welcome to join at **any time throughout the day!**