

TENTATIF

UTM BRIDGE MODEL COMPETITION 2026

12th August 2026 (Wednesday)

M50, Hydraulic & Hydrology Laboratory, Faculty of Civil Engineering

SECONDARY SCHOOL CATEGORY

Time	Programme	Details / Participant Action
8.00 am – 8.30 am	Arrival, Registration and Team Check-in	Teams shall report to the registration counter at Transportation Laboratory, M50, Faculty of Civil Engineering . Team leaders must confirm attendance, team members, advisor, institution/school, and group code.
8.30 am – 9.00 am	Official Briefing by Emcee, Safety Officer and Organising Committee	A briefing on the Fundamentals of Bridge Engineering will be given to the participants at M50, Hydraulic & Hydrology Laboratory . The competition flow, safety regulations, booth arrangements, judging procedure, bridge testing process, movement control, and closing celebration arrangements will all be explained to participants. All team members must attend.
9.00 am – 12.00 am	Bridge Model Construction Session	Teams will verify the materials provided by the organizer after arriving at their allocated booth and tables. Teams will use only the materials supplied by the organizing committee to build the Da Vinci Bridge Model. Teams will complete the technical poster, model placement, booth arrangement, and internal preparation for the judges' questions. After the allowed setup period, no significant construction or unauthorized modifications may be made.
12.00 pm – 1.00 pm	Judging Interaction / Booth Evaluation	Judges will visit each team booth in parallel judging sessions. Each team will be allocated approximately 10 minutes for judges' interaction. There will be no formal stage presentation. Teams must explain the engineering concept, structural behaviour, mechanism, material selection, expected failure mode, and optimisation strategy.
1.00 pm – 2.00 pm	Lunch Break	Participants shall proceed for lunch and remain alert for announcements regarding the bridge testing sequence. Models must remain at the designated booth or holding area as instructed.
2.00 pm – 4.00 pm	Bridge Model Combat Session / Load Testing	Load testing will be conducted in combat-style parallel sessions . Four teams will be tested simultaneously in each combat session. Teams must follow the testing order, transfer the model only when instructed, and must not touch or interfere with the model once testing begins.
4.00 pm – 4.20 pm	Jury Deliberation, Score Calculation and Final Decision	Judges, referees, and technical committees will verify marks, load results, penalties, and final ranking. Participants shall remain seated or within the waiting area.
4.20 pm – 5.00 pm	Closing Ceremony and Prize Announcement	The programme includes a closing speech by the Dean, officialization of the ceremony, announcement of the top five winners, certificate/prize presentation, and photography session.

TENTATIF

UTM BRIDGE MODEL COMPETITION 2026

10th August 2026 (Monday)

M50, Hydraulic & Hydrology Laboratory, Faculty of Civil Engineering

UNDERGRADUATE CATEGORY

Time	Programme	Details / Participant Action
8.00 am – 8.30 am	Arrival, Registration and Team Check-in	Teams shall report to the registration counter at Transportation Laboratory, M50, Faculty of Civil Engineering . Team leaders must confirm attendance, team members, advisor, institution/school, and group code.
8.30 am – 9.00 am	Official Briefing by Emcee, Safety Officer and Organising Committee	Participants will be briefed on the competition flow, safety rules, booth arrangements, judging process, bridge testing procedure, movement control, and closing ceremony arrangement at M50, Hydraulic & Hydrology Laboratory . All team members must attend.
9.00 am – 11.00 am	Bridge Model Setup / Construction Session	Teams shall proceed to their allocated booth and tables. Teams will put their prefabricated Drawbridge Model together, install it, make any necessary adjustments, and set it up. Teams shall finalize booth arrangement, technical poster, model positioning, and internal preparation for judges' questions.
11.00 am – 12.00 pm	Dimensional verification by technical committees.	Dimensional verification conducted by the technical committee to ensure that the Model complies with all specified design requirements.
12.00 am – 1.00 pm	Judging Interaction / Booth Evaluation	Judges will visit each team booth in parallel judging sessions. Each team will be allocated approximately 10 minutes for judges' interaction. There will be no formal stage presentation. Teams must explain the engineering concept, structural behaviour, mechanism, material selection, expected failure mode, and optimisation strategy.
1.00 pm – 2.00 pm	Lunch Break	Participants shall proceed for lunch and remain alert for announcements regarding the bridge testing sequence. Models must remain at the designated booth or holding area as instructed.
2.00 pm – 4.00 pm	Bridge Model Combat Session / Load Testing	Load testing will be conducted in combat-style parallel sessions . Four teams will be tested simultaneously in each combat session. Teams must follow the testing order, transfer the model only when instructed, and must not touch or interfere with the model once testing begins.
4.00 pm – 4.20 pm	Jury Deliberation, Score Calculation and Final Decision	Judges, referees, and technical committees will verify marks, load results, penalties, and final ranking. Participants shall remain seated or within the waiting area.
4.20 pm – 5.00 pm	Closing Ceremony and Prize Announcement	The programme includes a closing speech by the Dean, officialization of the ceremony, announcement of the top five winners, certificate/prize presentation, and photography session.