

Group Competition - Description:

Your team will receive a box containing various objects that you may use to complete the objective of this task.

Your objective is:

1. to draw a Compass Rose (i.e., a geometrical figure that shows the direction of the cardinal and intercardinal points)
2. assess the value of the Magnetic Declination (i.e. the deviation between the direction of True North and Magnetic North) at the hotel.

Points will be awarded to the level of detail of the drawing, the precision of the determination of the magnetic declination and the total execution time, with bonus awarded to the fastest team to successfully complete the task.

Instructions:

This task will have a maximum duration of 2 hours and 30 minutes, starting at 10:30 and ending at 13:00 . The teams can leave as they finish the task.

- All teams will wait in the hotel restaurant until the task begins.
- No clocks are allowed during the test.
- There will be a seating map with the table number assigned to each team.
- Before the task begins, teams should move to their designated tables and wait for the signal to start.
- Do not touch anything until you hear the signal to begin the task.
- Your team may then open your box, inspect its contents, and decide how and with which materials you will complete the task.
- Upon completing the task, your team should signal our monitors that you have finished and wait.
- Our monitors will inspect the results and then dismiss your team, which should quietly return to the hotel restaurant and wait for further instructions.
- Do not write anything on the question page
- Write down your group identification on all answer sheets
- There are areas with shadows close to the the test area; students are allowed to rest there as needed without talking with their peers.