

Trip Plan for Rover to Mars

	Date	Flight	Accommodation	Food	Car (OPTIONAL)	Total
	3 rd of August – 15 th of August	Frankfurt - Calgary	Calgary – Drum Heller - Calgary	-	2 SUV	-
Price per person	-	€1300	€38	€21	-	-
Price per day	-	-	€380	€210	€292	-
Sum for 10 Members	12 days	€13000	€4544	€2100	€3500	€23,144

Team Background and Description

Rover To Mars is a student organization established in August of 2018 with the purpose of participating in international rover challenges. The team officially became recognized at Hochschule Ravensburg-Weingarten in September of 2018 and competed in the 2019 Canadian International Rover Challenge (CIRC). Unfortunately, due to the COVID-19 pandemic and a lack of new members, the team gradually dwindled in size. However, by the end of 2023, a new team had been assembled, eager to take on challenges and push themselves to their limits. Currently, the team consists of 18 active members divided into three subdivisions: Mechatronics, Electronics, and Management. The Mechatronics and Electronics subdivisions are responsible for designing and constructing the rover, serving as the technical departments. Meanwhile, the Management subdivision acts as a mediator and secretary for the entire team, handling documentation, event organization, financing, and report preparation.

About the International Rover Challenges

Numerous international rover challenges inspire universities worldwide, uniting students in the fascinating field of aerospace engineering. These global competitions serve as catalysts for fostering a deep-seated interest in space exploration and future technology among aspiring engineers. Within this vibrant community, participants showcase their creativity and technical prowess by designing rovers capable of navigating diverse terrains and completing designated missions. Furthermore, these events offer companies an opportunity to showcase their latest advancements to competition organizers, demonstrating a commitment to supporting innovation and cultivating young talent. Through sponsorship, corporations not only exhibit their dedication to driving progress but also contribute to raising public awareness of the exciting frontier of space exploration.