

Group 10: Introduction of Our School

School name:	Universidad de Monterrey, Prepa UDEM Preparatory School
School address:	Ignacio Morones Prieto Ave. 4500 Pte., San Pedro Garza Garcia, Nuevo Leon, Mexico
School URL:	http://www.udem.edu.mx/Esp/Paginas/default.aspx http://www.udem.edu.mx/Esp/Preparatoria/Pages/Unidad-San-Pedro.aspx
PR message:	Prepa UDEM is the private high school (grade 10 to 12) of the University of Monterrey located in San Pedro, a nice and prosperous suburb in northern Mexico.

Our High School offers grades 10-12, with diverse formative programs based on the highest academic standards. Each student is valued individually and with personalized education. With over 3,300 students, we offer the best holistic education in Mexico.

Our educational community develops students with the following characteristics:

- critical thinking skills
- free and responsible
- motivated by service towards others
- environmentally conscious
- high ethical and moral standards

All of our highly qualified teachers are trained to provide cross-cultural education and communication. Beside our academic courses, our education involves areas such as music, drama, philanthropic activities, social service, math club, **robotics Club**, sports (soccer, volleyball, track and field, tennis) and other student associations.

Prepa UDEM leads its students to success through a positive learning environment through its 3 main programs:

1. Bilingual Program: International students' program of choice; courses are taught in Spanish with English as a Second Language.
2. Bicultural Program: Most courses are taught in English, designed to learn about other cultures and languages; international experiences are widely promoted in this program. Additional languages: French and German.
3. International Baccalaureate Program: Certified by the IBO, this program develops intellectual, research, analytical and communication skills in the students. 90% of the students obtain an IB Diploma upon graduation.



In close coordination with the Engineering Department at the University, our High School Math Department offers extracurricular courses to prepare our students in the area of robotics and automation. During these courses, they work and participate in the elaboration of automation of prototypes of the German enterprise Fischertechnik, analyzing and testing such prototypes with specialized software in the Engineering Department at the University Campus.

In order to stay updated in the areas of support and exploration robots, every year our teachers and students travel to the facilities of the NASA in Texas. They also organize an annual visit to Disney World in Florida where, through an agreement of cooperation between the Prepa UDEM and the Disney Institute, our students participate in courses of automation, mathematics and engineering physics where the students work backstage with the same engineers who create the diverse attractions this park offers.



Students and teachers from this course constantly participate in diverse forums and competitions, both at a national and international level, having been recognized recently with the first place at the National FRC Robotics Competition in Mexico.

