



I-DREAM4D

Innovation Driven Research/Education Ecosystem for Advanced Manufacturing for the Defense

ROBOTIC SUMMER CAMP

Date: July 25th – July 29th Time: 9:30 - 1:30 PM Monday-Friday Registration Fee: \$ 300

Location: University Texas Rio Grande Valley, Edinburg Campus

Registration:

<https://www.idream4d.org/summer-camp/regionone-highschool/index.htm>

The Engineering profession is critical for developing innovative products for humanity. Engineers are constantly improving our lives by turning ideas into reality in ways that surprise and delight us: *Internet, Automobiles, GPS, Robots, Computers, Digital Cameras, Space Technology, and almost anything you can think of.* Engineers develop these innovative products through a structured process meant to satisfy human needs. In this camp, you will experience this process in developing a solution for a search and rescue mission.

TOPICS COVERED :

- Robotics
- Sensors and Actuators
- Engineering and the Design Process
- Manufacturing



For more information about this camp, contact:

Mrs. Lesly Orozco, lesly.orozco01@utrgv.edu

To Apply, visit: www.idream4d.org

Or email idream4d@idream4d.org

OPPORTUNITIES :

- Work on a hands-on development and programming project that provides experience in robotics, sensors and actuators, and automation
- Learn to program robotics systems
- Presentations by scientists and engineers from industry and defense labs

PARTNERS :



I-DREAM 4D is a joint project comprised of the following institutions:

