

I-DREAM4D

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

ROBOTIC SUMMER CAMP

DATES- JULY 11 - JULY 22 & JULY 25 - AUG 5

9:30-11:30AM, 1:00-3:00PM

MON-FRI

Location: University Texas Rio Grande Valley, Edinburg Campus

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 :



Honeywell Raytheon



NORTHROP GRUMMAN

Camp lectures jointly
offered by professors at:

