**EDUCATION**

**COMMUNITY**

**INNOVATION**

FAB LAB San Diego

# EDUCATION

- Distributed Format

- Project-based Learning

- Personal development & real-world skill attainment

- TRACKS:
  - Product Design & Digital Fabrication
  - Programming & Creative Computing
  - Robotics & Engineering



FAB LAB San Diego

# COMMUNITY

- We focus on developing Local Partnerships

- FAB LAB SD engages youth and community members from all walks of life.

- Desire to work with others, leading to the development of a dynamic community of em-powered members

# SouthEast SD 2011 Youth Summer Program

This program has been made possible by the support of the Gary and Mary West Foundation.



**Computer Programming**



**IT Database Management**

- Learning program aimed at career preparation and readiness.
- Target audience: youth aged 16-21
- A bridge into technical careers/college
- Training students from the ground up in electronics with a hands-on project methodology.
- Introduction to solar and other clean energy technologies.



**Graphic Design and Production**



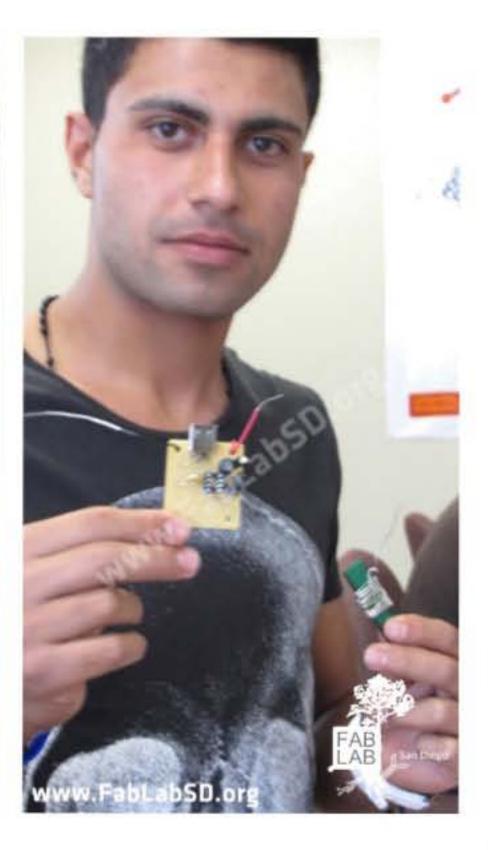**Electronics & Solar energy**

# INNOVATION

- Drives our Learning Methodology

- Clean Tech and Sustainable Energy are included in our educational programs

- Students build their own solar powered devices

- UPCOMING PROJECTS: Robotics competition focused on the use of clean energy to power tele-operated robotic vehicles.

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