

ROBOTICS SUMMER INSTITUTE

**Research Opportunities Program for Excellence
NSF ASEET TCU Faculty Professional Development Workshop**

June 15 – July 25, 2009

Southwestern Indian Polytechnic Institute (SIPI), Albuquerque, New Mexico



Department of Advanced Technical Education
Southwestern Indian Polytechnic Institute

Salish Kootenai College

Dine College

Oglala Lakota College

Little Big Horn College

SIPI Engineering and Engineering Technology Programs, in collaboration with SIPI NSF TCUP II and NSF ATE ASEET Programs, NASA Johnson Space Center, and AIHEC will offer its Third TCU Engineering/Robotics Summer Institute on June 15-July 25, 2009. This year theme is Web-based Remote Control of Mobile Robotic Systems.

There will be three research and development Groups and a total of seven teams for summer 2009. The graduate students from UNM, NMSU, NMTECH, and students and faculty from Tribal Colleges (SIPI, SKC, Dine, OLC, and LBHC) will apply to join one of the three research groups, based on their interest. The work will fulfill the partial requirements for the ENGR 280 and ENGR 105 SIPI summer courses. This year Summer Institute is scheduled for six weeks of intensive workshops, courses, and research and development experience activities at SIPI and one week of visit to NASA JSC. The deadline for applications is May 1, 2009.