TANMS Desired Skillset

- Oral Communication
- Written Communication
- Leadership
- Mentorship
- Team Player
- Innovation
- Creativity
- Interdisciplinary
- Nano-science
- Practical
- Problem solving
- Multifacets

TANMS Education Programs and Structure

Core I
- Communication
  - Written Communication
  - Oral Communication

Core II
- Leadership

Core III
- Multicultural Interpersonal Skills

Core IV
- Creative Thinking
- Entrepreneurship
- Industrial Ethics

Core V
- Technical Expertise

TANMS Graduate Programs and Structure

TANMS Faculty Mentor

Academic year
- Fall
- Winter
- Spring
- Summer
- 8 WEEKS

Graduate Students

Undergraduate

High School

TANMS Diversity

TANMS Outcomes

Short-term: Expand the diversity and participation of student populations in STEM related activities and engineering programs at TANMS partner institutions.

Mid-term: Positively impact STEM enrollment and potential workforce for TANMS related industry at TANMS partner institutions.

Long-term: Sustain long lasting STEM-based relations with K-12 schools and target community colleges. Develop creative, innovative and effective engineers who are leaders in industry and academia providing solutions for global technological and societal problems.

- Consistent and uniform programs across all TANMS institutions
- Enriching and fulfilling programs in a welcoming and interactive network environment
- Specific program components targeted toward the further development of desired skills
- During 2013-2014, TANMS served 83 graduate students, 80 undergraduate students, and reached out to 509 K-12 students.
- TANMS Short Courses:
  - Multifunctional Multiferroics from First Principles (Undergraduate/Graduate)
- Introduction to Multifunctional Multiferroics from First Principles

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