

Native American Career and Technical Education Program (NACTEP)

GRANTEE: Keweenaw Bay Ojibwa Community College

TYPE OF INSTITUTION: Tribally Controlled Community College

PROJECT DIRECTOR/CONTACT:

Treneice Marshall, Project Director
Keweenaw Bay Ojibwa Community College
111 Beartown Road
Barga, Michigan 49908
Telephone: 906-353-4606
E-mail: tmarshall@kbocc.edu

AWARD PERIOD: October 1, 2015 - September 30, 2016

FEDERAL AWARD: \$384,472

FEDERAL PROJECT OFFICER:

Linda Mayo
U.S. Department of Education, OCTAE
550 12th Street, S.W., PCP, Room 11075
Washington, D.C. 20202-7241
Telephone: (202) 245-7792
Fax: (202) 245-7170
E-mail: linda.mayo@ed.gov

PROJECT SUMMARY:

Keweenaw Bay Ojibwa Community College seeks to develop and implement the Program for the Enhancement of Academic Readiness: Creating a Bridge to STEM Success for Native Students (PEAR). The program focuses on increasing knowledge, skills, and abilities necessary for academic success in Science, Technology, Engineering, and Mathematics (STEM) disciplines by establishing bridge programs to enable students to better transition between upper-secondary and community college, and between community college and university. These are two critical junctures where students need a firm basis to serve as a bridge between academic levels.

The PEAR program will focus on preparing Native high school students to enter college, particularly in science and mathematics disciplines, by providing them with opportunities to develop and enhance core skills key to higher education success. The PEAR program will emphasize refinement of writing, quantitative literacy, analytical, and critical-thinking skills –each of which is important for creating a foundation to understand science. Program components will include college visits, college entrance exam preparation, cultural awareness activities, life skills training, advising, mentoring, career awareness, as well as remedial and advanced academic coursework.

The program will serve 36 Native high school students and 24 community college students, with the overarching aims of: increasing the number of Native students entering and persisting in college; and increasing the number of Native students majoring in STEM disciplines at higher education institutions.

PROJECT OBJECTIVES:

- Increase the knowledge of Native students in core general education subjects (oral and written communication, mathematics, science, and social studies). 60% of participants taking the MME will score in the proficient or

advanced range by the end of year 1. 80% of program participants will increase TerraNova test scores by 10% by the end of each program year.

- Increase the number of Native graduates. 100% of high school participants will graduate on time. 100% of college participants will graduate on time.
- Increase competencies of Native students in areas of critical thinking, analytical reasoning, and problem solving. 50% of participants will increase scores on assessment instruments by 10% each year. Increase the number of Native students entering and persisting in college. Participants will enter college at a rate 50% higher than non-participants in the Native community.
- Retention rates of participants will be 30% higher than non-participants. Increase the number of Native students majoring in science, engineering, and/or mathematics disciplines. 25% of participants upon high school graduation will enter college in science engineering, or mathematics. 50% of participants upon community college graduation will enter a postsecondary in science engineering, or mathematics.

EDUCATIONAL LEVEL(S) OF PARTICIPANTS: Secondary and Postsecondary

CAREER AND TECHNICAL EDUCATION TRAINING PROGRAMS:

PROGRAM

CERTIFICATION

Environmental Science (STEM)
OSHA

Associate of Science
HAZWOPER/HazMat Certifications

AVAILABLE DIRECT ASSISTANCE TO STUDENTS:

Academic tutoring
Advising
College Tours
Student Assessments
Test-taking Workshops
Career Orientation
Life Skills and Leadership Skills Training
Enrichment Workshops, Courses, and Activities

NUMBER OF PROGRAM SITES: 1

PARTNERSHIPS & COLLABORATIVES:

Local high schools
Alternative education program
KBIC youth Department,
L'Anse Manufacturing Company
KBIC Natural Resources Department

ACCREDITATION STATUS:

Accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools