

**FBCC Student Cohort STEM Project
TCUP (Tribal Colleges and Universities Program)
Funded by NSF (National Science Foundation)
2006-2009**

Project Abstract

The Fort Berthold Community College has recently completed a Phase I TCUP Project entitled “Faculty and Curriculum Enhancement Program.” The overall purpose of that project was to increase the number of STEM (science, math, engineering and technology) majors and graduates among the American Indian students at Fort Berthold Community College. This was achieved by an upgrade of the entire college technology infrastructure, faculty and staff development in the knowledge of technology applications, and the promotion of constructivist methods of teaching and learning through the STEM classrooms of the college.

We are now in Phase II of TCUP entitled “FBCC Student Cohort STEM Project.” The goal of this project is to improve student enrollment, retention, graduation and transfer rates, for STEM majors and provide research in the STEM areas for a three year period. Our objectives are as follows:

1. Improve student retention and graduation rates for STEM majors.
2. Improve enrollment of reservation high school students into STEM courses and majors at FBCC.
3. Improve transfer to Baccalaureate level and/or employment in STEM fields.
4. Improve research capabilities of STEM students.

Both Phase I and Phase II Project were funded by the National Science Foundation.