

Proposal Concept Form

TEEM UP for K-12

Institution:

University of Tennessee at Martin

Team Members (names & e-mails):

Deane Arganbright darganbr@utm.edu

Brenda Gullede bgulledg@utm.edu

Rich Helgeson helgeson@utm.edu

Area of Focus (in-service, pre-service, student outreach, etc.):

in-service

Project Description:

DEVELOP A TWO-WEEK SUMMER WORKSHOP.

With the collaboration of Education, Engineering and Mathematics faculties, a hands-on workshop will be developed. Each day the morning session will involve faculty and the middle school teachers identifying content areas currently covered in the Tennessee curriculum standards. Having identified an area, they will incorporate their knowledge and experience to develop a lesson plan. In the afternoon the faculty will model the concepts in hands-on, easy to build, demonstrations that can be taken back to the classroom.

1. Needs Assessment (communities served)

All middle schools in rural Northwest Tennessee

2. Project Background / Rationale / Supporting Research

All middle school teachers must gain the designation of highly qualified within the very near future, as required by NCLB legislation.

3. Project Organization / Management / Partnerships

Workshop will grant graduate level course credit. The new courses will reside in the College of Engineering and Natural Science. There will be highly advertised collaboration between the departments of Education, Engineering, and Mathematics.

4. Specific Objectives

Provide mechanism to allow middle school teachers to become highly qualified.

Form collaboration between the departments of Education, Engineering, and Mathematics.

Use this collaboration to develop upper division Education courses to serve the teachers of the future.

5. Marketing Plan

The Department of Educational Studies will work closely with the directors of schools, supervisors, and principals of school systems in the NW Tennessee.

6. Budget / Funding Strategy / Sustainability

State grant supported by NCLB will support summer faculty, and pay the graduate tuition for the teacher attendees.

After the immediate need to qualify existing teachers has been satisfied, the developed curriculum will be transferred to upper division educating courses, to be co-taught by the collaborating faculties. The undergraduate tuition will cover expenses.

7. Timeline

Will begin summer of 2005, and run for five years.

8. Evaluation / Accountability

Student achievement, as measured by the Tennessee Comprehensive Assessment Program, will be tracked to verify achievement in the core subject areas.