

**Proposal Concept Form  
TEEM UP for K-12**

Central Connecticut State University

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**Area of Focus**

Undergrad and grad level program in Technology Education/ Pre-engineering teacher education.

**Project Description:**

This project is intended to (1) allow the CCSU Technology Education Department to develop pre-engineering curriculum and No Child Left Behind integration into a revised Technology Education curriculum, (2) pilot these new curriculum initiatives in selected Connecticut public schools, and (3) collect data to evaluate the effectiveness of these new curriculum initiatives.

**Project Background:**

The Technology Education and the Engineering Technology departments at CCSU have been working during the past year to revise focus of the TE curriculum. The revised curriculum is being designed to train pre-service TE teachers to integrate pre-engineering, math, science, and language support into public school Technology Education programs. This revision results from the realization that Technology Education must support No Child Left Behind initiatives in the Connecticut public schools. The vehicle to integrate math, science and language content will be pre-engineering learning experiences.

**Project Organization:**

This project includes collaboration between the Technology Education Department, and the Engineering Technology department at Central Connecticut State University with technology education faculty in the New Britain and the West Hartford public school systems.

**Specific Objectives:**

The specific objectives of this project are to develop, pilot and evaluate the pre-engineering components of the revised Technology Education curriculum being developed by the TE department at CCSU. The goal is to meet and exceed all accreditation and current state curriculum standard. The TE department is working to become a driving force behind the development of future state Technology Education curriculum standard.

**Marketing Plan:**

Because of the nature of this project, there are no specific marketing needs at this time.

**Budget:**

Initial funding to develop full scale funding will be as follows:

University Curriculum Develop Grant: \$6,500.00 (pending)

In-service pilot school teacher training: \$275,000.00

Educational Materials for pilot programs \$65,000

**Timeline:**

This project is in process. The timeline is to have the program framework in place by the end of the Spring 2004 semester. The fall 2004 semester will be used to move the

curriculum through the University curriculum committee and the faculty senate. During the spring 2005 the new courses will be offered, the public school partnership initiatives and collection will begin.

**Evaluation/Accountability:**

A special assessment plan to be developed following standard accreditation standards as established by NCATE and ABET accrediting bodies consistent with the Connecticut State University Legislative Assessment Goals.