



Developing a State of Minds

Connecticut State University System

BR#06-21



RESOLUTION  
 concerning  
 LICENSURE AND ACCREDITATION  
 of a program in  
 TECHNOLOGY AND ENGINEERING EDUCATION  
 leading to a  
 BACHELOR OF SCIENCE DEGREE  
 at  
 CENTRAL CONNECTICUT STATE UNIVERSITY

April 6, 2006

RESOLVED, That the Board of Trustees for the Connecticut State University System approves Central Connecticut State University's proposal to modify its current Bachelor of Science degree program in Technology Education and rename it as Technology and Engineering Education (K-12), and be it further

RESOLVED, That under the authority granted to the Board of Trustees for Connecticut State University System in Chapter 185b, Section 10a-87 and 10a-149 of the Connecticut General Statutes, the Chancellor of the Connecticut State University System is authorized to seek licensure and accreditation for this program from the Connecticut Board of Governors for Higher Education.

A Certified True Copy:

Lawrence D. McHugh, Chairman

**ITEM**

Modify the Bachelor of Science degree program in Technology Education and rename it as Technology and Engineering Education (K-12) at Central Connecticut State University

**BACKGROUND**

The Technology Education program has been offered at CCSU for over 60 years and it is still the only program of its kind in the State. However, public school technology education programs are currently serving a limited population of learners, need to include more academically rigorous experiences in order to attract a larger and more diverse population of learners, and will need to support mathematics, science and language arts learning initiatives if they are to remain sustainable.

**ANALYSIS**

The modification entails a change in the program name and requirements to reflect the addition of an engineering component. Emphasis will be placed on technological systems, multi-faceted learning strategies, problem-based design activities, and application of technological knowledge. The modification will also have the added effect of increasing resource sharing among the departments in the School of Technology. With a growing number of school districts introducing pre-engineering curricula at the middle and high school levels, this revision will meet these curricular needs, as well as address employment demands.

The proposed program will integrate real world problem-solving with activity based learning. While there is no significant change in the General Education core, the technical coursework revisions and addition reflect philosophical changes at the state and national levels in this field. The revised courses reflect Connecticut K-12 goals and standards as well as national standards adopted by accrediting and oversight agencies.

**CHANCELLOR'S RECOMMENDATION**

Approve the proposal from Central Connecticut State University to modify its Bachelor of Science degree program in Technology Education and rename it as Technology and Engineering Education (K-12).