

CONNECTICUT STATE BOARD OF EDUCATION
Hartford

TO BE PROPOSED:

January 5, 2011

RESOLVED, That the State Board of Education, pursuant to Section 10-95i(b) of the Connecticut General Statutes, approves the following trades for the periods indicated:

- | | |
|---------------------------------------|-----------------------------------|
| • Early Care and Education | from January 2011 to January 2016 |
| • Bioscience Environmental Technology | from January 2011 to January 2016 |
| • Health Technology | from January 2011 to January 2016 |
| • Certified Nurse Assistant | from January 2011 to January 2016 |
| • Dental Assistant | from January 2011 to January 2016 |
| • Medical Assistant | from January 2011 to January 2016 |
| • Licensed Practical Nurse Program | from January 2011 to January 2016 |
| • Surgical Technician | from January 2011 to January 2016 |

and directs the Commissioner to take the necessary action.

Approved by a vote of _____, this fifth day of January, Two Thousand Eleven.

Signed: _____
Mark K. McQuillan, Secretary
State Board of Education

CONNECTICUT STATE BOARD OF EDUCATION
Hartford

TO: State Board of Education
FROM: Mark K. McQuillan, Commissioner of Education
DATE: January 5, 2011
SUBJECT: Reauthorization of Trades

Executive Summary

Introduction

In accordance with CGS Section 10-95i(b), the State Board of Education (SBE) must evaluate each trade program in the Connecticut Technical High School System (CTHSS) and consider reauthorization for a period of not more than five years. We are requesting that the trades in the Health and Biosciences Cluster (including Early Care and Education) be reauthorized for the periods indicated. The Labor Department has forecasted over 7,800 new jobs in the Health Field by 2018; over 2,200 new jobs in the Early Care field by 2018; and over 60 new jobs in the Bioscience Environmental Technology field by 2018.

The Health and Biosciences Cluster

- | | |
|---------------------------------------|-----------------------------------|
| • Early Care and Education | from January 2011 to January 2016 |
| • Bioscience Environmental Technology | from January 2011 to January 2016 |
| • Health Technology | from January 2011 to January 2016 |
| • Certified Nurse Assistant | from January 2011 to January 2016 |
| • Dental Assistant | from January 2011 to January 2016 |
| • Medical Assistant | from January 2011 to January 2016 |
| • Licensed Practical Nurse Program | from January 2011 to January 2016 |
| • Surgical Technician | from January 2011 to January 2016 |

Historical context and background information

According to Connecticut General Statutes, Section 10-95i (b), "During the five-year period beginning January 1, 1990, and during each five-year period thereafter, the State Board of Education shall evaluate each existing regional vocational-technical school trade program in accordance with a schedule which the state board shall establish. A trade program may be reauthorized for a period of not more than five years following each evaluation on the basis of: The projected employment demand for students enrolled in the trade program, including consideration of the employment of graduates of the program during the preceding five years; anticipated technological changes; the availability of qualified instructors; the existence of similar programs at other institutions; and student interest in the trade program.

As part of the evaluation, the state board shall consider geographic differences that may make a trade program feasible at one school and not another and whether certain combinations of program offerings shall be required. Prior to any final decision on the reauthorization of a trade program, the state board shall consult with the craft committees for the trade program being evaluated.”

In February 2002, the Board regrouped the existing trades into five categories, which are consistent with clusters commonly referred to in industry. This was done based on recommendations from the legislature and business and industry. Each cluster is evaluated every five years.

- Arts, Audio/Video Technology and Communication
- Computer Technologies
- Construction
- Health Technology and Biosciences
- Manufacturing
- Tourism, Hospitality and Guest Services Management
- Transportation

Recommendation and justification for recommendation

We are requesting that the Health and Biosciences Cluster be reauthorized for the periods indicated. The trades and the reauthorization period are as follows:

- | | |
|---------------------------------------|-----------------------------------|
| • Early Care and Education | from January 2011 to January 2016 |
| • Bioscience Environmental Technology | from January 2011 to January 2016 |
| • Health Technology | from January 2011 to January 2016 |
| • Certified Nurse Assistant | from January 2011 to January 2016 |
| • Dental Assistant | from January 2011 to January 2016 |
| • Medical Assistant | from January 2011 to January 2016 |
| • Licensed Practical Nurse Program | from January 2011 to January 2016 |
| • Surgical Technician | from January 2011 to January 2016 |

The Connecticut Industries and Occupation forecast for 2018, published by the Connecticut State Department of Labor, has projected that the health field, including the areas of LPN, Health Technology, Certified Nurse Assistant, Dental Assistant, Medical Assistant and Surgical Technology, will expand approximately by 10.5%, adding over 7,800 new jobs by 2018. The Early Care and Education field including the areas of child care and pre-school, is projected to expand by 9.7%, adding over 2,200 new jobs by 2018. The Bioscience Environmental Technology field including the area of Environmental Technician is projected to expand by 10.7% adding over 60 new jobs by 2018.

Based on comments made by Trade Technology Advisory Committees (T.T.A.C.s), the following is a brief description of the 21st century job outlook and trends for the fields of Early Care and Education, Biosciences and Health:

Early Care and Education is a growing field. There is an increased public commitment to education prior to the start of kindergarten. Enrollment in these Early Care programs, has increased especially in urban areas including Bridgeport and Hartford, Connecticut.

Bioscience and Environmental Technology is also a growing field. Given the increase in green technology advancements, this field is being called upon to meet government standards for clean water nationwide.

Health is a growing field for the following reasons: an aging population; increased technology and the demand (s) for skilled services; an increase in the number of healthcare practices; more diagnostic testing; shorter stays in hospitals due to new insurance requirements; and the increased use of technology in surgery. Additionally, a National Health Care Reform bill was approved in March 2010. A greater number of individuals will be provided insurance and medical care. This will increase the need to have qualified providers of health care to meet this demand.

Follow-up activities planned:

Comments made by the Trade Technology Advisory Committees (T.T.A.C.) will continue to be reviewed and discussed with the Administrative team and the responsible Trade Consultant. The Trade Consultant will follow-up with the T.T.A.C.'s concerning their comments. Enrollment and industry demands will continue to be monitored over the next five years through ongoing meetings with the Trade Technology Advisory Committee at each school and through review of the Industry and Occupations Forecast, as well as economic outlook reports published by the State Labor Department.

Prepared by: _____
Drew Soltys, Education Consultant
Connecticut Technical High School System

Reviewed by: _____
Ceferino Lugo, Assistant Superintendent
Connecticut Technical High School System


Approved by: _____
Patricia A. Ciccone, Superintendent
Connecticut Technical High School System