
Career and Technical Education Course Standards

The Background:

T.C.A. § 49-1-302(a)(8) authorizes the State Board of Education to “set policies governing all curricula and courses of study in the public schools.” Additionally, Rules, Regulations, and Minimum Standards of the State Board of Education 0520-01-03-.05(1) calls for the State Board of Education to adopt standards for each subject area, grades K-12. The approved standards are to be the basis for planning instructional programs in each local school system.

This item includes new and revised courses within the Agriculture, Food, & Natural Resources; Education & Training; Health Science; Marketing; and, STEM career clusters that better align with postsecondary pathways, incorporate added instructional rigor, and reflect the competitive employment demands of our state. These new and revised standards have been created in collaboration with postsecondary faculty, industry representatives, and high school teachers. These changes will go into effect for the 2019-20 school year.

Since first reading, based on feedback, the following changes have been made:

- BioSTEM III Standard 6 was deleted due to redundancy, standard 7 was revised to help establish norms, and multiple content buckets were renamed to help improve the flow of instruction.
- Health Science Education Standards 19, 20, 21 were revised to improve alignment with industry. Standard 13 was added to improve alignment with the National Health Science Standards.
- Contact information for the Aligned Student Organizations have been updated.

Career and Technical Education courses included in this item:

Agriculture, Food, & Natural Resources	
Agricultural Business and Finance	Revised Standards
Agriscience	New Standards
Greenhouse Management	Revised Standards
Landscaping and Turf Science	Revised Standards
Large Animal Science	New and Revised Standards
Principles of Agribusiness	New Standards
Principles of Plant Science and Hydroculture	New and Revised Standards
Small Animal Science	New and Revised Standards
Veterinary Science	New and Revised Standards

Education & Training	
Early Childhood Education Careers I	New and Revised Standards
Early Childhood Education Careers II	New and Revised Standards
Early Childhood Education Careers III	New and Revised Standards
Early Childhood Education Careers IV	New and Revised Standards
Teaching as a Profession Practicum (current Teaching as a Profession III)	Name Change and New and Revised Standards

Health Science	
Anatomy and Physiology	Revised Standards
Behavioral and Community Health	Revised Standards
Cardiovascular Services	Revised Standards
Dental Science	Revised Standards
Emergency Medical Services	Revised Standards
Health Science Education	New and Revised Standards
Nursing Education	New and Revised Standards
Rehabilitation Careers	Revised Standards

Marketing	
Entrepreneurship	New Standards
Social Media and Analytics	New Course

STEM	
BioSTEM I	New Course
BioSTEM II	New Course
BioSTEM III	New Course
BioSTEM Practicum	New Course

The Fiscal Analysis Impact:

T.C.A. § 49-1-212 requires that the Department of Education prepare a fiscal analysis of any policy, rule, or regulation proposed to the State Board of Education. This item has no financial impact on an LEA.

The Recommendation:

The Department of Education recommends approval of this item on final reading. The SBE staff concurs with this recommendation.