

Career and Technical Education (CTE) Standards

The Background:

T.C.A. § 49-1-302(a)(8) authorizes the State Board of Education to “set policies governing all academic standards and courses of study in the public schools.” Additionally, State Board Rule 0520-01-03-.05(1) calls for the State Board 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 course standards for the following CTE career clusters:

- Advanced Manufacturing;
- Agriculture, Food, and Natural Resources;
- Business Management and Administration;
- Information Technology;
- Law, Public Safety, Corrections, and Security.

These new and revised standards have been reviewed by industry, secondary, and postsecondary partners. Additional feedback will be solicited between first and final reading. Pursuant to T.C.A. § 49-1-309, the State Board will submit the proposed changes to the education committees of the House and Senate prior to final reading. These changes will go into effect for the 2021-22 school year.

Advanced Manufacturing Career Cluster	
Advanced Industrial Maintenance	New course
Introduction to Industrial Maintenance	New course
Principles of Manufacturing	Revised standards
Robotics and Automated Systems	Revised standards
Agriculture, Food, and Natural Resources Career Cluster	
Agricultural Business and Finance	Revised standards
Agricultural Fabrication and Biosystems Engineering	New course
Agricultural Power and Equipment	Revised standards
Agriscience	Revised standards
Organizational Leadership and Communications	Revised standards
Principles of Agricultural Mechanics	Revised standards
Principles of Farm and Agribusiness Management	New course
Business Management and Administration Career Cluster	
Advanced Computer Applications	Revised standards
Business and Entrepreneurship Practicum	Revised standards
Business Communications	Revised standards
Business Management	Revised standards
Computer Applications	Revised standards
Health Information Technology	Revised standards

Health Services Administration Practicum	Revised standards
Human Resource Management	Revised standards
Human Resource Management Practicum	Revised standards
Introduction to Business and Marketing	Revised standards
Information Technology Career Cluster	
Cybersecurity I	Revised standards
Cybersecurity II	Revised standards
Law, Public Safety, Corrections, and Security Career Cluster	
Criminal Justice I	Revised standards
Criminal Justice II	Revised standards
Criminal Justice III	Revised standards
Criminal Justice Practicum	Revised standards
Pre-Law I	Revised standards
Pre-Law II	Revised standards
Pre-Law III	Revised standards
Pre-Law Practicum	New course
Unmanned Aircraft Systems in Law Enforcement	New course

The Fiscal Analysis Impact:

T.C.A. § 49-1-212 requires that the Department 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 acceptance of this item on first reading. The SBE staff concurs with this recommendation.