Proposed changes to State Board of Education Policy 3.205 (Approved High School Courses): under Career and Technical Education, delete Sections 12-19 in their entirety and replace with the creation of Sections 12-27 as follows:

<table>
<thead>
<tr>
<th>TENNESSEE STATE BOARD OF EDUCATION</th>
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<tbody>
<tr>
<td>APPROVED HIGH SCHOOL COURSES</td>
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</tbody>
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**Career and Technical Education**

CTE courses are listed below by career cluster. Beginning in 2009-10, all students who enter high school must earn three credits in an elective focus. If CTE is used to satisfy this requirement, students are required to take three credits in a Department of Education approved program of study or career cluster. All courses are aligned to a primary career cluster. Some programs of study may include courses from multiple career clusters, early postsecondary, and/or academic programs.

12. Agriculture, Food, & Natural Resources
   12.1. Advanced Food Science
   12.2. Agricultural and Biosystems Engineering
   12.3. Agricultural Business and Finance ****
   12.4. Agricultural Power and Equipment
   12.5. Agriscience*
   12.6. Applied Environmental Science*
   12.7. Food Science and Safety
   12.8. Greenhouse Management
   12.9. Introduction to Agricultural Sciences**
   12.10. Landscaping and Turf Science
   12.11. Large Animal Science
   12.12. Natural Resources Management
   12.13. Organizational Leadership and Communications
   12.15. Principles of Agribusiness
   12.16. Principles of Agricultural Mechanics
   12.17. Principles of Food Production
   12.18. Principles of Plant Science and Hydroculture
   12.19. Small Animal Science
   12.20. Supervised Agricultural Experience (SAE) ***
   12.21. Veterinary Science*

* Agriscience, Applied Environmental Science, and Veterinary Science satisfy one laboratory science credit required for graduation.

** Introduction to Agricultural Sciences is a middle school course.

***A student who completes an approved Supervised Agricultural Experience project consisting of at least 180 hours will be given one-half credit as an out-of-school experience.

**** Agricultural Business and Finance satisfies the Personal Finance graduation requirement.
13. Architecture & Construction
   13.1. Advanced Drafting and Design
   13.2. Advanced Welding Applications
   13.3. Basic Principles of Welding
   13.4. Carpentry I
   13.5. Carpentry II
   13.6. Computer-Aided Drafting I
   13.7. Computer-Aided Drafting II
   13.8. Concrete I
   13.9. Concrete II
   13.10. Construction Core
   13.11. Electrical I
   13.12. Electrical II
   13.15. Housing
   13.16. Interior Design
   13.17. Introduction to Welding
   13.18. Masonry I
   13.19. Masonry II
   13.20. Plumbing I
   13.21. Plumbing II

   14.1. Animation and Simulation
   14.2. Audio Production I
   14.3. Audio Production II
   14.4. Audio Production III
   14.5. Broadcasting I
   14.6. Broadcasting II
   14.7. Broadcasting III
   14.8. Digital Arts & Design I
   14.9. Digital Arts & Design II
   14.10. Digital Arts & Design III
   14.11. Fashion Design and Merchandising
   14.13. Printing Graphics Technology II

15. Business Management & Administration
   15.1. Administrative Management
   15.2. Advanced Computer Applications
   15.3. American Business Legal Systems*
   15.4. Business Economics**
15.5. Business Management
15.6. Business Principles
15.7. Computer Applications***
15.8. eBusiness Communications
15.9. Personal Finance

* American Business Legal Systems satisfies one-half credit in U.S. Government if the teacher is Highly Qualified to teach U.S. Government.

** Business Economics satisfies one-half credit in economics if the teacher is Highly Qualified to teach Economics.

*** Computer Applications may be used as a middle school course.

16. Education & Training
16.1. Fundamentals of Education
16.2. School Counseling
16.3. Teaching as a Profession I
16.4. Teaching as a Profession II
16.5. Teaching as a Profession III

17. Finance
17.1. Accounting I
17.2. Accounting II
17.3. Banking and Finance
17.4. Financial Planning

18. Government & Public Administration

19. Health Science
19.1. Anatomy and Physiology*
19.2. Behavioral and Community Health
19.3. Biomedical Applications
19.4. Clinical Internship
19.5. Diagnostic Medicine
19.6. Emergency Medical Services
19.7. Forensic Science
19.8. Health Information Technology
19.9. Health Science Education
19.10. Medical Terminology
19.11. Medical Therapeutics
19.12. Nursing Education
19.13. Rehabilitation Careers

* Health Science Anatomy & Physiology may be offered for one unit of science credit if the teacher is considered highly qualified.

20. Hospitality & Tourism

20.1. Culinary Arts I
20.2. Culinary Arts II
20.3. Culinary Arts III
20.4. Hospitality Management
20.5. Sports and Entertainment Marketing
20.6. Travel and Tourism Operations

21. Human Services
   21.1. Barbering I
   21.2. Barbering II
   21.3. Barbering III
   21.4. Chemistry of Cosmetology
   21.5. Design Principles of Cosmetology
   21.6. Early Childhood Education Careers I
   21.7. Early Childhood Education Careers II
   21.8. Early Childhood Education Careers III
   21.9. Early Childhood Education Careers IV
   21.10. Family Studies
   21.11. Introduction to Social Health*
   21.12. Human Services Practicum
   21.13. Foundations of Social and Mental Health
   21.14. Lifespan Development
   21.15. Nutrition Across the Lifespan
   21.16. Nutrition Science and Diet Therapy**
   21.17. Principles of Cosmetology

* Introduction to Social Health is a middle school course.

** Nutrition Science and Diet Therapy satisfies a laboratory science credit required for graduation.

22. Information Technology
   22.1. Cabling and Internetworking
   22.2. Computer Systems
   22.3. Game Programming
   22.4. Information Technology Foundations
   22.5. Information Technology Clinical Internship
   22.6. Networking
   22.7. Programming and Logic I
   22.8. Programming and Logic II
   22.9. Web Site I—Foundations
   22.10. Web Page Design II—Site Designer
   22.11. Web Page Design III—eCommerce

23. Law, Public Safety, Corrections, & Security
   23.1. Criminal Justice I
   23.2. Criminal Justice II
   23.3. Criminal Justice III: Forensic Science Investigations
   23.4. Emergency Preparedness
23.5.  Principles of Law, Corrections, and Security

24. Manufacturing

24.1.  Digital Electronics
24.2.  Electromechanical I
24.3.  Electromechanical II
24.4.  Introduction to Electromechanical
24.5.  Manufacturing Applications
24.6.  Mechatronics I
24.7.  Mechatronics II
24.8.  Principles of Machining
24.9.  Principles of Machining and Manufacturing
24.10. Principles of Manufacturing

25. Marketing

25.1.  Advertising and Public Relations
25.2.  Entrepreneurship*
25.3.  Exploration of Organizational Leadership and Marketing
25.5.  Market Research and Analysis
25.6.  Marketing & Management I—Principles *
25.7.  Marketing & Management II—Advanced Strategies
25.10. Retail Operations*
25.11. Virtual Enterprise International*

* Completion of one credit of a core marketing education course satisfies the economics requirement for graduation if the teacher is Highly Qualified to teach Economics.

26. Science, Technology, Engineering, & Mathematics (STEM)

26.1.  Advanced Design Applications (EBD)
26.2.  Advanced Technological Applications (EBD)
26.3.  Aerospace Engineering (PLTW)
26.4.  Biotechnical Engineering (PLTW)
26.5.  Civil Engineering and Architecture (PLTW)
26.6.  Computer Integrated Manufacturing (PLTW)
26.7.  Digital Electronics (PLTW)
26.8.  Engineering Design (EBD)
26.9.  Engineering Design and Development (PLTW)
26.10. Exploring Technology (EBD)*
26.11. Foundations of Technology (EBD)
26.12. Gateway to Technology (PLTW) **
26.13. Introduction to Engineering Design (PLTW)
26.15. Inventions and Innovations (EBD) ***
26.16. Principles of Engineering
26.17. Principles of Engineering (PLTW)
26.18. Technological Design (EBD)

EBD signifies a course is part of the “Engineering by Design” curriculum package. PLTW signifies a course is part of the “Project Lead the Way” curriculum package. These STEM programs may require additional equipment and certifications to operate.

* Exploring Technology is designed for grade 6.

** Gateway to Technology (PLTW) is a middle school course

*** Inventions and Innovations is designed for grade 7.

**** Technological Systems is designed for grade 8.

27. Transportation, Distribution, & Logistics
   27.1. Aviation Maintenance I
   27.2. Aviation Maintenance II
   27.3. Collision Repair: Estimating and Customer Service
   27.4. Collision Repair: Non-Structural
   27.5. Collision Repair: Painting and Refinishing
   27.6. Introduction to Aerospace
   27.7. Maintenance and Light Repair I
   27.8. Maintenance and Light Repair II
   27.9. Maintenance and Light Repair III
   27.10. Maintenance and Light Repair IV
   27.11. Principles of Transportation, Distribution, and Logistics
   27.12. Theory of Flight
   27.13. Transportation Core
   27.14. Warehouse and Distribution I
   27.15. Warehouse and Distribution II