

# TENNESSEESTATE BOARD OF EDUCATION

## APPROVED HIGH SCHOOL COURSES

3.205

The following courses may be offered for credit in grades 9-12. Some of the approved courses may be substituted for courses required for graduation. For the list of allowable course substitutions, please see the Department of Education's correlation of course codes. Additionally, the correlation of course codes provides the full list of Advanced Placement, International Baccalaureate, Cambridge, and Dual Enrollment courses.

### **Academic Program**

#### **1. Academic Intervention**

- 1.1 Special Education Intervention
- 1.2 Tier II English Language Arts
- 1.3 Tier III English Language Arts
- 1.4 Tier II Mathematics Intervention
- 1.5 Tier III Mathematics Intervention

#### **2. Automobile Driver Education**

#### **3. Computer Technology**

- 3.1 Computer Literacy
- 3.2 Advanced Placement Computer Science Program
- 3.3 International Baccalaureate Computer Science Program
- 3.4 Cambridge International Computer Science Program
- 3.5 Dual Enrollment Computer Science Program
- 3.6 Computer Applications

#### **4. Visual and Performing Arts**

- 4.1 General Music
- 4.2 General Band I, II, III, IV
- 4.3 Concert Band I, II, III, IV
- 4.4 Orchestra/Strings I, II, III, IV
- 4.5 Contemporary/Jazz/Chamber Ensembles I, II, III, IV
- 4.6 Vocal Ensemble I, II, III, IV
- 4.7 Chorus I, II, III, IV
- 4.8 Class Piano I, II, III, IV
- 4.9 Music History
- 4.10 Music Theory
- 4.11 Visual Arts – Comprehensive I, II, III
- 4.12 Visual Arts – Painting II, III
- 4.13 Visual Arts – Drawing II, III
- 4.14 Visual Arts – Ceramics II, III
- 4.15 Visual Arts – Sculpture II, III
- 4.16 Visual Arts – Photography II, III
- 4.17 Visual Arts – Printmaking II, III
- 4.18 Visual Arts – Fibers/Textiles/Papermaking II, III
- 4.19 Visual Art History
- 4.20 Dance I, II, III, IV
- 4.21 Theater I, II, III, IV
- 4.22 Media Arts I, II, III

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- 4.23 Advanced Placement Fine Arts Program
- 4.24 International Baccalaureate Fine Arts Program
- 4.25 Cambridge International Fine Arts Program
- 4.26 Dual Enrollment Fine Arts Program
  
- 5. **Postsecondary Exploratory**
  - 5.1 Preparing for the ACT, Postsecondary, and Career
  - 5.2 Tennessee Student Success
  - 5.3 Principles of Transition: Introduction to Self-Determination
  - 5.4 Principles of Transition: Focus on Adulthood
  - 5.5 Principles of Transition: Planning for Postsecondary
  
- 6. **Health, Physical Education, and Wellness**
  - 6.1 Physical Education
  - 6.2 Health Education
  - 6.3 Wellness
  
- 7. **Language Arts**
  - 7.1 English Language Arts I, II, III, IV
  - 7.2 Advanced Placement English Program
  - 7.3 International Baccalaureate English Program
  - 7.4 Cambridge International English Program
  - 7.5 Dual Enrollment English Program
  - 7.6 English as a Second Language
  - 7.7 Speech and Communications
  - 7.8 Journalism I, II, III, IV
  - 7.9 Creative Writing
  - 7.10 Advanced Creative Writing 10-12
  - 7.11 Genre Literature
  - 7.12 Visual Literacy
  - 7.13 Bible<sup>1</sup>
  - 7.14 Etymology & Linguistics
  - 7.15 Mythology
  
- 8. **Mathematics**
  - 8.1 Algebra I
  - 8.2 Geometry
  - 8.3 Algebra II
  - 8.4 Integrated Math I, II, III
  - 8.5 Statistics
  - 8.6 Applied Mathematical Concepts
  - 8.7 Precalculus
  - 8.8 Calculus
  - 8.9 Advanced Placement Mathematics Program
  - 8.10 International Baccalaureate Mathematics Program
  - 8.11 Cambridge Mathematics Program
  - 8.12 Dual Enrollment Mathematics Program

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- 8.13 Statewide Dual Credit Pre-Calculus
- 8.14 Statewide Dual Credit Statistics
- 8.15 Bridge Math

**9. JROTC Military Science**

**10. Science**

- 10.1 Physical Science
- 10.2 Biology I,
- 10.3 Human Anatomy and Physiology
- 10.4 Chemistry I, II
- 10.5 Earth Science
- 10.6 Geology
- 10.7 Environmental Science
- 10.8 Ecology
- 10.9 Physics
- 10.10 Physical World Concepts
- 10.11 Scientific Research
- 10.12 Advanced Placement Science Program
- 10.13 International Baccalaureate Science Program
- 10.14 Cambridge International Science Program
- 10.15 Dual Enrollment Science Program

**11. Social Studies**

- 11.1 United States History
- 11.2 Economics
- 11.3 United States Government
- 11.4 Psychology
- 11.5 Sociology
- 11.6 World Geography
- 11.7 World History and Geography
- 11.8 Contemporary Issues
- 11.9 Ancient History
- 11.10 African-American History
- 11.11 Statewide Dual Credit: Introduction to Sociology
- 11.12 Advanced Placement Social Studies Program
- 11.13 International Baccalaureate Social Studies Program
- 11.14 Cambridge International Social Studies Program
- 11.15 Dual Enrollment Social Studies Program
- 11.16 Personal Finance

**12. World Languages**

- 12.1 Latin I, II, III, IV
- 12.2 French I, II, III, IV
- 12.3 German I, II, III, IV
- 12.4 Spanish I, II, III, IV
- 12.5 Russian I, II, III, IV
- 12.6 Japanese I, II, III, IV
- 12.7 Chinese I, II, III, IV

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- 12.8 American Sign Language I, II, III, IV
- 12.9 Other Languages I, II, III, IV
- 12.10 Advanced Placement World Languages Program
- 12.11 International Baccalaureate World Languages Program
- 12.12 Cambridge International World Languages Program
- 12.13 Dual Enrollment World Languages Program

**13. Service Learning**

- 13.1 Service-Learning

**Career and Technical Education (CTE)**

CTE courses are listed below by career cluster. All students who enter high school must earn three (3) credits in an elective focus. If CTE is used to satisfy this requirement, students are required to take three (3) credits in a Department of Education approved program of study or career cluster. Students who are concentrating in CTE must complete three (3) credits within a single program of study. 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.

In addition to the courses listed below, there are course codes available for postsecondary statewide dual credit and dual enrollment courses in CTE programs of study. Please see the Department of Education's course code correlation for a full list of available course codes.

**14. Advanced Manufacturing**

- 14.1 Advanced Electromechanical Technology
- 14.2 Digital Electronics
- 14.3 Introduction to Electromechanical
- 14.4 Manufacturing Practicum
- 14.5 Mechatronics I
- 14.6 Mechatronics II
- 14.7 Principles of Machining I
- 14.8 Principles of Machining II
- 14.9 Principles of Manufacturing
- 14.10 Welding I
- 14.11 Welding II

**15. Agriculture, Food, & Natural Resources**

- 15.1 Advanced Food Science
- 15.2 Agricultural and Biosystems Engineering
- 15.3 Agricultural Business and Finance
- 15.4 Agricultural Power and Equipment
- 15.5 Agriscience
- 15.6 Applied Environmental Science
- 15.7 Food Science and Safety
- 15.8 Greenhouse Management
- 15.9 Introduction to Agricultural Sciences
- 15.10 Landscaping and Turf Science

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- 15.11 Large Animal Science
- 15.12 Natural Resources Management
- 15.13 Organizational Leadership and Communications
- 15.14 Plant and Soil Science
- 15.15 Principles of Agribusiness
- 15.16 Principles of Agricultural Mechanics
- 15.17 Principles of Food Production
- 15.18 Principles of Plant Science and Hydroculture
- 15.19 Small Animal Science
- 15.20 Statewide Dual Credit: Introduction to Agriculture Business
- 15.21 Statewide Dual Credit: Introduction to Plant Science
- 15.22 Supervised Agricultural Experience (SAE)
- 15.23 Veterinary Science

**16. Architecture & Construction**

- 16.1 Architectural & Engineering Design I
- 16.2 Architectural & Engineering Design II
- 16.3 Architectural & Engineering Design III
- 16.4 Advanced Interior Design
- 16.5 Commercial Interior Design
- 16.6 Construction Practicum
- 16.7 Electrical Systems
- 16.8 Foundations of Interior Design
- 16.9 Fundamentals of Construction
- 16.10 HVAC
- 16.11 Mechanical, Electrical, & Plumbing Systems (MEP)
- 16.12 Plumbing Systems
- 16.13 Residential & Commercial Construction I
- 16.14 Residential & Commercial Construction II
- 16.15 Residential Interior Design
- 16.16 Structural Systems I
- 16.17 Structural Systems II

**17. Arts, Audio/Visual Technology, & Communications**

- 17.1 Advanced Fashion Design
- 17.2 Applied Arts Practicum
- 17.3 A/V Production I
- 17.4 A/V Production II
- 17.5 A/V Production III
- 17.6 Digital Arts & Design I
- 17.7 Digital Arts & Design II
- 17.8 Digital Arts & Design III
- 17.9 Fashion Design
- 17.10 Foundations of Fashion Design

**18. Business Management & Administration**

- 18.1 Advanced Computer Applications
- 18.2 American Business Legal Systems
- 18.3 Business & Entrepreneurship Practicum

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- 18.4 Business Communications
  - 18.5 Business Economics
  - 18.6 Business Management
  - 18.7 Computer Applications
  - 18.8 Introduction to Business & Marketing
  - 18.9 Personal Finance
  - 18.10 Health Information Technology
  - 18.11 Health Services Administration Practicum
  - 18.12 Human Resources Management
  - 18.13 Human Resources Management Practicum
- 19. Education & Training**
- 19.1 Early Childhood Education Careers I
  - 19.2 Early Childhood Education Careers II
  - 19.3 Early Childhood Education Careers III
  - 19.4 Early Childhood Education Careers IV
  - 19.5 Educational Therapy and Support I
  - 19.6 Educational Therapy and Support II
  - 19.7 Educational Therapy and Support III
  - 19.8 Educational Therapy and Support Practicum
  - 19.9 Fundamentals of Education
  - 19.10 Teaching as a Profession I
  - 19.11 Teaching as a Profession II
  - 19.12 Teaching as a Profession Practicum
- 20. Finance**
- 20.1 Accounting I
  - 20.2 Accounting II
  - 20.3 Banking and Finance
  - 20.4 Financial Planning
- 21. Government & Public Administration**
- 20.1 Principles of Public Service
  - 20.2 Public Law and Budgeting
  - 20.3 Public Management and Administration
- 22. Health Science**
- 22.1 Anatomy and Physiology
  - 22.2 Behavioral and Community Health
  - 22.3 Cardiovascular Services
  - 22.4 Clinical Internship
  - 22.5 Dental Science
  - 22.6 Diagnostic Medicine
  - 22.7 Emergency Medical Services
  - 22.8 Emergency Medical Services Practicum
  - 22.9 Exercise Science
  - 22.10 Global Health and Epidemiology

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- 22.11 Introduction to Health Science
- 22.12 Health Science Education
- 22.13 Medical Terminology
- 22.14 Medical Therapeutics
- 22.15 Nursing Education
- 22.16 Pharmacological Sciences
- 22.17 Public Health Practicum
- 22.18 Rehabilitation Careers

**23. Hospitality & Tourism**

- 23.1 Culinary Arts I
- 23.2 Culinary Arts II
- 23.3 Culinary Arts III
- 23.4 Culinary Arts IV
- 23.5 Event Planning & Management
- 23.6 Hospitality Management
- 23.7 Hospitality Marketing
- 23.8 Hospitality & Tourism Exploration

**24. Human Services**

- 24.1 Barbering I
- 24.2 Barbering II
- 24.3 Barbering III
- 24.4 Cosmetology I
- 24.5 Cosmetology II
- 24.6 Cosmetology III
- 24.7 Cosmetology IV
- 24.8 Family Studies
- 24.9 Introduction to Human Studies
- 24.10 Introduction to Social Health
- 24.11 Human Services Practicum
- 24.12 Lifespan Development
- 24.13 Nutrition Across the Lifespan
- 24.14 Nutrition Science and Diet Therapy

**25. Information Technology**

- 25.1 Cabling and Internetworking
- 25.2 Coding I
- 25.3 Coding II
- 25.4 Coding Practicum
- 25.5 Computer Science Foundations
- 25.6 Computer Systems
- 25.7 Cybersecurity I
- 25.8 Cybersecurity II
- 25.9 Cybersecurity Practicum
- 25.10 IT Clinical Internship
- 25.11 Mobile App Development
- 25.12 Networking

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25.13 Web Design Foundations

25.14 Web Site Development

25.15 Web Design Practicum

**26. Law, Public Safety, Corrections, & Security**

26.1 Court Systems and Practices

26.2 Criminal Justice I

26.3 Criminal Justice II

26.4 Criminal Justice III: Forensic Criminal Investigations

26.5 Criminal Justice Practicum

26.6 Emergency Preparedness

26.7 Fire Prevention

26.8 Fire Science I

26.9 Fire Science II

26.10 Pre-Law I

26.11 Pre-Law II

26.12 Pre-Law III

26.13 Principles of Fire and Emergency Services

26.14 Principles of Law, Corrections, and Security

26.15 Statewide Dual Credit Criminal Justice

**27. Marketing**

27.1 Advertising and Public Relations

27.2 Entrepreneurship

27.3 Foundations of Supply Chain Management

27.4 Marketing & Management I—Principles

27.5 Marketing & Management II—Advanced Strategies

27.6 Retail Operations

27.7 Supply Chain Management I: Warehousing and Distribution

27.8 Supply Chain Management II: Management and Logistics

27.9 Supply Chain Management Practicum

27.10 Virtual Enterprise International

27.11 Social Media and Analytics

**28. Science, Technology, Engineering, & Mathematics (STEM)**

28.1 Advanced Design Applications (EBD)

28.2 Advanced Technological Applications (EBD)

28.3 Aerospace Engineering (PLTW)

28.4 Automation and Robotics (PLTW)

28.5 Biotechnical Engineering (PLTW)

28.6 Civil Engineering and Architecture (PLTW)

28.7 Computer Integrated Manufacturing (PLTW)

28.8 Design and Modeling (PLTW)

28.9 Digital Electronics (PLTW)

28.10 Energy and the Environment (PLTW)

28.11 Engineering Design (EBD)

28.12 Engineering Design and Development (PLTW)



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- 28.13 Engineering Design I
- 28.14 Engineering Design II
- 28.15 Engineering Practicum
- 28.16 Exploring Technology (EBD)
- 28.17 Flight and Space (PLTW)
- 28.18 Foundations of Technology (EBD)
- 28.19 Green Architecture (PLTW)
- 28.20 Introduction to Engineering Design (PLTW)
- 28.21 Introduction to Geographical Information Systems
- 28.22 Inventions and Innovations (EBD)
- 28.23 Magic of Electrons (PLTW)
- 28.24 Medical Detectives (PLTW)
- 28.25 Principles of Engineering (PLTW)
- 28.26 Principles of Engineering and Technology
- 28.27 Principles of Technology I
- 28.28 Principles of Technology II
- 28.29 Robotics and Automated Systems
- 28.30 Science and Technology (PLTW)
- 28.31 STEM Designers
- 28.32 STEM Explorers
- 28.33 STEM Innovators
- 28.34 STEM I: Foundation
- 28.35 STEM II: Applications
- 28.36 STEM III: STEM in Context
- 28.37 STEM IV: STEM Practicum
- 28.38 Technological Design (EBD)
- 28.39 Technological Systems (EBD)
- 28.40 BioSTEM I
- 28.41 BioSTEM II
- 28.42 BioSTEM III
- 28.43 BioSTEM Practicum

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.

**29. Transportation, Distribution, & Logistics**

- 29.1 Aviation I: Principles of Flight
- 29.2 Aviation II: Advanced Flight
- 29.3 Collision Repair: Damage Analysis, Estimating, and Customer Service
- 29.4 Collision Repair: Non-Structural
- 29.5 Collision Repair: Painting and Refinishing
- 29.6 Collision Repair: Structural
- 29.7 Distribution & Logistics I
- 29.8 Distribution & Logistics II: Management
- 29.9 Foundations of Distribution & Logistics
- 29.10 Introduction to Aerospace
- 29.11 Introduction to Collision Repair

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- 29.12 Maintenance and Light Repair I
- 29.13 Maintenance and Light Repair II
- 29.14 Maintenance and Light Repair III
- 29.15 Maintenance and Light Repair IV

**30. Work-Based Learning**

- 30.1 Work-Based Learning: Career Practicum

**31. General Electives**

- 31.1 Career Exploration
- 31.2 Jobs for Tennessee Graduates (JTG)