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**Approved High School Courses**

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**The Background:**

*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 curriculum 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.

Section 3.205 Approved High School Courses of the State Board of Education identifies those courses which have been approved by the Board for instruction across the state.

In 2010 the State Board of Education approved the adoption of curriculum standards for the following areas of instruction: Health Science Education, Marketing Education, Business Technology, and Trade & Industrial Education. This item will update the Approved High School Course list, Section 3.205 of State Board Policy, to those courses which are scheduled for implementation in the 2012-13 school year.

**The Master Plan Connection:**

This item supports the Foundational Principle of having rigorous, relevant curriculum and the goal of having a rigorous, relevant high school.

**First to the Top Connection:**

With the alignment of the standards to national standards and assessments within the respective fields, this item supports the First to the Top aim of helping students achieve higher levels of proficiency.

**The Recommendation:**

The Department of Education recommends acceptance of the standards on first reading. The SBE staff concurs with this recommendation.

## **Changes to Board Policy 3.205: Approved High School Courses**

### **Career and Technical Education**

#### **13. Health Science Education**

- 13.1 Anatomy and Physiology\*
- 13.2 Biomedical Applications
- 13.3 Clinical Internship
- 13.4 Diagnostic Medicine
- 13.5 Emergency Medical Services
- 13.6 Forensic Science
- 13.7 Health Information Technology
- 13.8 Health Science Education
- 13.9 Medical Therapeutics
- 13.10 Nursing Education
- 13.11 Rehabilitative Careers

- \* Health Science Anatomy & Physiology may be offered for one unit of science credit if the teacher is considered highly qualified in Life Science or endorsed in science or it may be offered for one unit of career and technical education credit. This course may also be offered as a dual enrollment/dual credit course.

#### **15. Marketing Education**

- 15.1 Marketing & Management I—Principles\*
- 15.2 Marketing & Management II—Advanced Strategies
- 15.3 Entrepreneurship\*
- 15.4 Market Research and Analysis
- 15.5 Retail Operations\*
- 15.6 Advertising and Public Relations
- 15.7 Sports and Entertainment Marketing
- 15.8 International Business and Marketing\*
- 15.9 Exploration of Organizational Leadership and Marketing
- 15.10 Travel and Tourism
- 15.11 Hospitality Management
- 15.12 Virtual Enterprise International\*\*
- 15.13 Personal Finance
- 15.14 Personal Finance and Building Wealth\*\*

- \* Completion of one of the core marketing education courses as signified by \* satisfies the economics requirement for graduation if the teacher is Highly Qualified to teach Economics.

- \*\* Completion of one credit in Personal Finance and Building Wealth satisfies the graduation requirement for Personal Finance.

## **16. Business Technology**

- 16.1 Computer Applications
- 16.2 Accounting I
- 16.3 Accounting II
- 16.4 American Business Legal Systems\*
- 16.5 Business Principles
- 16.6 Financial Planning
- 16.7 Business Economics\*\*
- 16.8 Computer Programming I
- 16.9 Computer Programming II
- 16.10 Game Programming
- 16.11 Document Formatting
- 16.12 Word Processing
- 16.13 Spreadsheet Applications
- 16.14 Advanced Computer Applications
- 16.15 Database Design/Management
- 16.16 Administrative Management
- 16.17 Desktop Publishing
- 16.18 Business Management
- 16.19 Banking and Finance
- 16.20 eBusiness Communications
- 16.21 Interactive Multimedia Presentations
- 16.22 Virtual Enterprise International\*\*
- 16.23 Personal Finance
- 16.24 Web Design Essentials
- 16.25 Web Design Applications

\* 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 or Virtual Enterprise International satisfy one-half credit in economics if the teacher is Highly Qualified to teach Economics.

## **19. Trade and Industrial Education\***

- 19.1 Law, Protective Services, and Corrections
  - 19.1.1 Criminal Justice I
  - 19.1.2 Criminal Justice II
  - 19.1.3 Criminal Justice III: Forensic Science Investigations
- 19.2 Human Services
  - 19.2.1 Principles of Cosmetology
  - 19.2.2 Design Principles of Cosmetology
  - 19.2.3 Chemistry of Cosmetology
- 19.3 Hospitality & Tourism
  - 19.3.1 Culinary Arts I
  - 19.3.2 Culinary Arts II
  - 19.3.3 Culinary Arts III
- 19.4 Transportation
  - 19.4.1 Transportation Core
  - 19.4.2 Aviation Maintenance I
  - 19.4.3 Aviation Maintenance II

- 19.4.4 Introduction to Aerospace
- 19.4.5 Theory of Flight
- 19.4.6 Automotive: Brakes
- 19.4.7 Automotive: Suspension and Steering
- 19.4.8 Automotive: Electrical/Electronics
- 19.4.9 Automotive: Engine Performance
- 19.4.10 Collision Repair: Non-Structural
- 19.4.11 Collision Repair: Structural
- 19.4.12 Collision Repair: Painting and Refinishing
- 19.4.13 Diesel: Electrical/Electronics
- 19.4.14 Diesel: Preventive Maintenance
- 19.4.15 Diesel: Engine
- 19.4.16 Two-Four Cycle Engine I
- 19.4.17 Two-Four Cycle Engine II
- 19.4.18 Two-Four Cycle Engine III
- 19.4.19 Principles of Transportation, Distribution, and Logistics
- 19.4.20 Warehouse and Distribution I
- 19.4.21 Warehouse and Distribution II
- 19.5 Construction
  - 19.5.1 Construction Core
  - 19.5.2 Carpentry I
  - 19.5.3 Carpentry II
  - 19.5.4 Plumbing I
  - 19.5.5 Plumbing II
  - 19.5.6 Masonry I
  - 19.5.7 Masonry II
  - 19.5.8 Electrical I
  - 19.5.9 Electrical II
  - 19.5.10 Heating, Ventilation, Air Conditioning, and Refrigeration I
  - 19.5.11 Heating, Ventilation, Air Conditioning, and Refrigeration II
  - 19.5.12 Concrete I
  - 19.5.13 Concrete II
  - 19.5.14 Computer-Aided Drafting I\*\*\*
  - 19.5.15 Computer-Aided Drafting II\*\*\*
  - 19.5.16 Advanced Drafting and Design\*\*\*
  - 19.5.17 Introduction to Welding\*\*\*
  - 19.5.18 Basic Principles of Welding\*\*\*
  - 19.5.19 Advanced Welding Applications\*\*\*
- 19.6 Arts and Communications
  - 19.6.1 Digital Arts & Design I
  - 19.6.2 Digital Arts & Design II
  - 19.6.3 Digital Arts & Design III
  - 19.6.4 Animation and Simulation
  - 19.6.5 Printing Graphics Technologies I
  - 19.6.6 Printing Graphics Technologies II
  - 19.6.7 Broadcasting I
  - 19.6.8 Broadcasting II
  - 19.6.9 Broadcasting III
  - 19.6.10 Audio Production I
  - 19.6.11 Audio Production II

- 19.6.12 Audio Production III
- 19.8 Information Technology
  - 19.8.1 Information Technology Foundations
  - 19.8.2 Programming and Logic I
  - 19.8.3 Programming and Logic II
  - 19.8.4 Computer Systems
  - 19.8.5 Networking
  - 19.8.6 Cabling and Internetworking
  - 19.8.7 Information Technology Clinical Internship
  - 19.8.8 Web Site I—Foundations
  - 19.8.9 Web Page Design II—Site Designer
  - 19.8.10 Web Page Design III—eCommerce
- 19.9 Manufacturing
  - 19.9.1 Principles of Manufacturing
  - 19.9.2 Principles of Machining
  - 19.9.3 Principles of Machining and Manufacturing
  - 19.9.4 Manufacturing Applications
  - 19.9.5 Digital Electronics
  - 19.9.6 Computer-Aided Drafting I\*\*\*
  - 19.9.7 Computer-Aided Drafting II\*\*\*
  - 19.9.8 Advanced Drafting and Design\*\*\*
  - 19.9.9 Principles of Engineering
  - 19.9.10 Introduction to Welding\*\*\*
  - 19.9.11 Basic Principles of Welding\*\*\*
  - 19.9.12 Advanced Welding Applications\*\*\*
  - 19.9.13 Introduction to Electromechanical
  - 19.9.14 Electromechanical I
  - 19.9.15 Electromechanical II
- 19.10 Career Management Success\*\*

\* The Trade and Industrial Education program area is divided into nine focus areas. Students may select courses from one of the nine focus areas to comply with the graduation focus requirement.

\*\* The course Career Management Success may be offered in more than one focus area.

\*\*\* These courses are listed in more than one location in order to show places in which they may be a portion of a focus area for the graduation requirement.