

Career & Technical Education

Preparing Students for the Global Workforce
and/or Post-Secondary Education

June 30, 2011



Career & Technical Education (CTE)

- **Career Pathways**
 - AgriScience Education
 - Business, Finance and Marketing Education
 - Family and Consumer Sciences Education
 - Health Sciences
 - Skilled and Technical Sciences
 - Technology Education
- **State & Federal Guidelines**
 - State Regulation 525
 - Carl D. Perkins Act of 2006
- **CTE Web Sites**
 - Delaware Career and Technical Education Resources
 - National Association - State Directors of CTE

Delaware Career & Technical Education

- AgriScience Career Pathways
 - Animal Science
 - Biotechnology
 - Food Science
 - Environmental Science/Natural Resources
 - Floriculture
 - Plant and Horticulture Science
 - Landscape / Turf
 - Greenhouse / Horticulture
 - Power and Mechanical Systems
 - Structural Systems

Delaware Career & Technical Education

- Ⓢ Business, Finance and Marketing Career Pathways
 - Ⓢ Accounting
 - Ⓢ Banking Services
 - Ⓢ Administrative Services
 - Ⓢ Business and Corporate Management
 - Ⓢ Business Information Technology
 - Ⓢ Marketing Communications
 - Ⓢ Marketing Management

Delaware Career & Technical Education

- Family and Consumer Sciences Career Pathways
 - Food and Culinary
 - Human Services
 - Early Childhood Education
 - Clothing and Textiles

Delaware Career & Technical Education

- Skilled and Technical Sciences Career Pathways

- Architecture & Construction
- Arts, A/V Technology & Communications
- Government & Public Administration
- Health Science

MOVING to Health Sciences Career Pathways in 2011-12

- Hospitality & Tourism
- Human Services
- Public Safety Corrections, & Security
- Manufacturing
- Marketing, Sales & Service
- Science, Technology, & Mathematics
- Transportation, Distribution & Logistics

Delaware Career & Technical Education

- Ⓢ Technology Education Career Pathways (under review, 2011-12)
 - Ⓢ Bio-Related Technology
 - Ⓢ Drafting and Design - CAD
 - Ⓢ Drafting and Design - Architectural
 - Ⓢ Drafting and Design – Engineering
 - Ⓢ Communication Technology
 - Ⓢ Graphic Design and Production
 - Ⓢ Digital Media and Imaging
 - Ⓢ Audio, Radio and Video Engineering
 - Ⓢ Microsoft Engineering
 - Ⓢ Materials Science Processing
 - Ⓢ Construction and Manufacturing
 - Ⓢ Process of Design and Engineering
 - Ⓢ Fundamentals of Structures
 - Ⓢ Electricity and Electronics
 - Ⓢ System Control Technology
 - Ⓢ Automotive Technology
 - Ⓢ Foundations of Technology
 - Ⓢ Technological Systems

State Regulations

- Grades 7-12
- State CTE Regulation 525
 - Present and future **labor market Information**
 - **Occupational need** and availability of placement
 - **Integration** of academic content
 - Equipment comparable to business and industry
 - **Advisory Committees**
 - **Certified Teachers**
 - **Career and Technical Student Organizations**
 - Business Professionals of America
 - DECA, An Association of Marketing Students
 - FFA
 - Family, Career and Community Leaders of America
 - HOSA
 - SkillsUSA
 - Technology Student Association

Delaware Recommended Curriculum ~ DRC

- **Statewide Project**
 - DRC Web Site
- **Teacher Resource Guide**
 - CD
- **CTE Career Pathways**
 - Defined Statewide ~ DRC
 - Planned and Sequential
 - Graduation Requirement (505)
 - Student Success Plan (505)
 - Programs of Study (Perkins IV)

State CTE Approval Process

- **Advisory Committee Involvement**
 - Planning
 - Implementation
 - Evaluation
- **November /March submissions**
- **Submission Requirements**
 - Instructions for Completion
 - Forms A-D
 - Course Curriculum Template

Perkins IV - Overview

- **Themes**

- Accountability and program improvement
- High Wage, High Skill, High Demand
- Secondary-postsecondary connections
- Links to rigorous academics
- Stronger focus on business and industry

- **Accountability**

- Indicator 1: Academic Attainment (NCLB)
- Indicator 2: Technical Skill Attainment
- Indicator 3: School Completion
- Indicator 4: Graduation Rate (NCLB)
- Indicator 5: Placement and Retention
- Indicator 6: Nontraditional Participation & Completion

- **Program Improvement**

- **Supplement, Not Supplant**

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CTE Web Sites

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