

Texas Career Clusters

Texas' 16 career clusters are based on those developed by the U.S. Department of Education. Schools and districts may adopt these or develop their own clusters based on the local economy.



Processing, production, distribution, financing, and development of agricultural commodities and natural resources.



Executing governmental functions at the local, state, and federal levels.



Processing materials into intermediate or final products.



Designing, managing, building, and maintaining the built environment.



Providing diagnostic and therapeutic services, health information, support services, and biotechnology research and development.



Performing marketing activities to reach organizational objectives.



Creating, exhibiting, performing, and publishing multimedia content.



Managing restaurants and other food services, lodging, attractions, recreation events, and travel-related services.



Performing scientific research and professional technical services.



Managing movement of people, materials, and goods by road, pipeline, air, rail, and water.



Organizing, directing, and evaluating functions essential to productive business operations.



Providing for families and serving human needs.



Providing education, training, and related learning support services.



Designing, supporting, and managing hardware, software, multimedia, and systems integration.



Planning finances and investments; managing banking, insurance, and business finances.



Providing legal, public safety, protective, and homeland security services.



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Career & Technical Education in Plano ISD 2007-2008

Agriculture, Food & Natural Resources

Advanced Floral Design
Animal Science
Canine Science
Companion Animal Care & Grooming
Equine Science
Exploring Aquaculture Science
Floral Design & Interior Landscape Dev.
Introduction to Horticultural Science
Introduction to Veterinary Technician
Landscape Design, Construction & Maintenance
Plant & Animal Production
Veterinary Medical Assistant I
Veterinary Medical Assistant II
Wildlife and Recreation Management

Architecture & Construction

Home Maintenance and Improvement
Interior Design

Arts, A/V Technology & Communications

Advertising Design I
Advertising Design II
Desktop Publishing
Fashion Design I
Fashion Design II (1 hour)
Fashion Design II (2 hours)
Introduction to Advertising
Multimedia
Video Technology
Webmastering

Business, Management & Administration

Business Education Career Prep
Business Law
International Business
Introduction to Business

Education & Training

Child Development
Early Childhood Professions I
Early Childhood Professions II

Finance

Accounting I
Accounting II

Health Science

Anatomy & Physiology of Human Systems
Clinical Rotation I
Clinical Rotation II
Gerontology (Texas CNA certification)
Health Science Technology I
Intro. to Health Science Technology

Hospitality & Tourism

Culinary Arts I
Culinary Arts II

Human Services

Career Studies
Family & Consumer Science Career Prep I
Family & Consumer Science Career Prep II
Food Science and Technology
Individual and Family Life
Life Management Skills (Middle School)
Management
Nutrition and Food Science
Personal and Family Development

Preparation for Parenting
Skills for Living (Middle School)
Sports Nutrition

Information Technology

Business Computer Information Systems I
Business Computer Information Systems II
Computer Applications
Computer Science I
Computer Science I AP
Computer Science I IB
Computer Science II
Computer Science II AP
Computer Science II IB
Exploring Computer Applications (Middle School)
Internetworking Technologies I
Internetworking Technologies II
Keyboarding

Law, Public Safety, Corrections & Security

Crime in America
Criminal Investigation
Introduction to Criminal Justice

Manufacturing

Exploring Manufacturing Technology (Middle School)

Marketing, Sales & Services

Entrepreneurship
Marketing Dynamics (Career Prep)
Marketing Management (Career Prep)
Sports and Entertainment Marketing

Science, Technology, Engineering & Mathematics

Technical Intro to CAD
Engineering CAD 1
Engineering CAD 2

Transportation, Distribution & Logistics

Auto Collision Repair & Refinishing Tech. I
Auto Collision Repair & Refinishing Tech. II
Automotive Technician Basics
Automotive Technology I
Automotive Technology II

