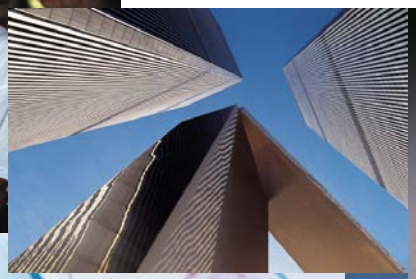
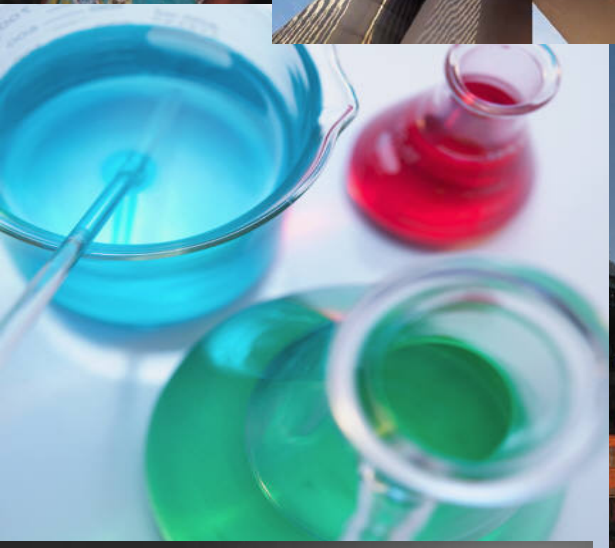
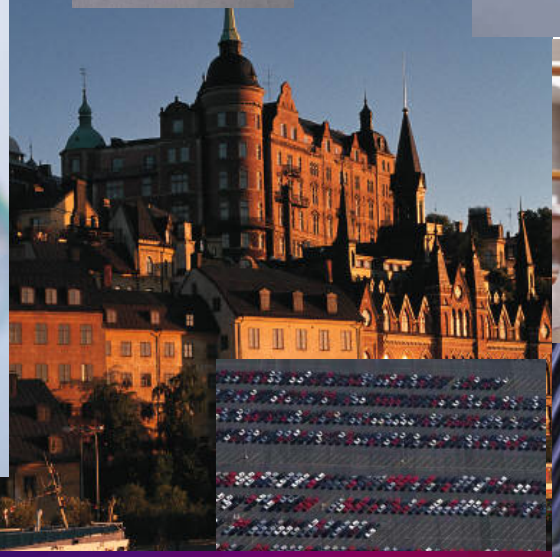
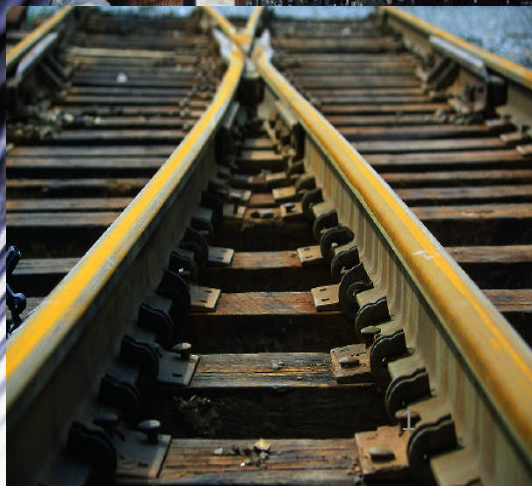
16 Career Clusters





Agriculture, Food and Natural Resources

- Production, processing, marketing, distribution, financing, and development of agricultural commodities and resources.
  Includes food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

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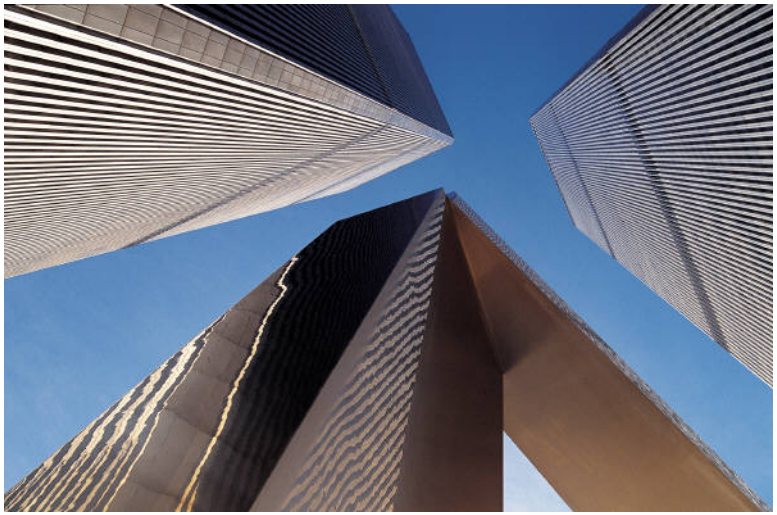
Architecture and Construction

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



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Arts, Audio/Video Technology and Communications

Designing, producing, exhibiting, performing, writing, and publishing multimedia content. Includes visual and performing arts and design, journalism, and entertainment services.

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Business Management and Administration

Planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

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Education and Training

Planning, managing and providing education and training services, and related learning support services. Includes administration, teaching/training, administrative support, and professional support services.

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Finance

Planning and related services for financial and investment planning, banking, insurance, and business financial management.

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Government and Public Administration

Planning and executing government functions at the local, state and federal levels. Includes governance, national security, foreign service, planning, revenue and taxation, and regulations.

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Health Science

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

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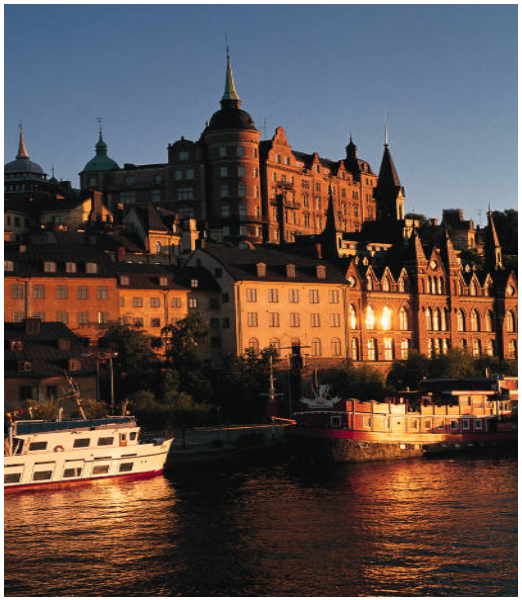
Hospitality and Tourism

Family and human needs such as restaurant and food/beverage services, lodging, travel and tourism, recreation, amusement and attractions.



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Human Services

Counseling and mental health services, family and community services, personal care, and consumer services.

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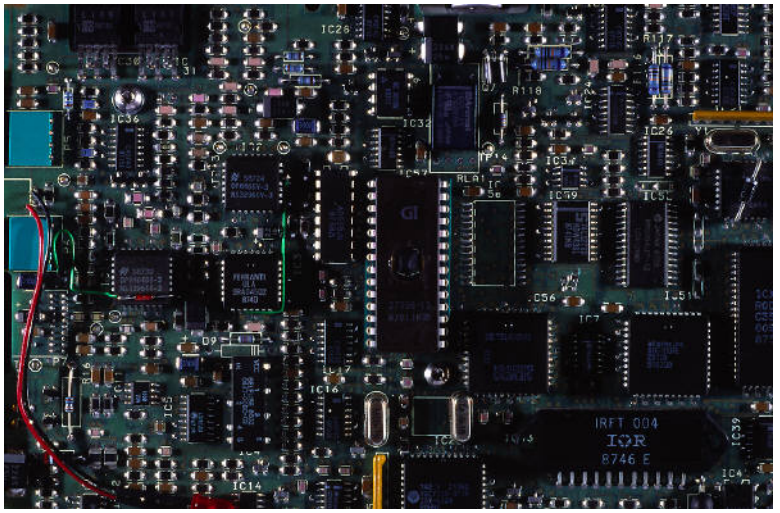
Information Technology

IT occupations for entry level, technical, and professional careers. Includes design, development, support and management of hardware, software, multimedia and systems integration services.



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Law, Public Safety, Corrections and Security

Planning, managing, and providing legal, public safety, protective services and homeland security. Includes professional and technical support services.

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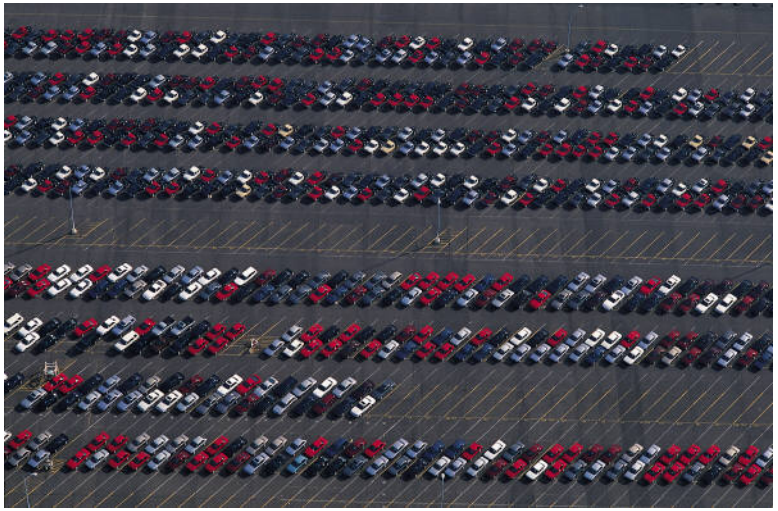
Manufacturing

Planning, managing and performing the processing of materials into intermediate or final products. Includes production planning and control, maintenance and manufacturing/process engineering.



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Marketing

Planning, managing, and performing marketing activities to reach organizational objectives. Includes brand management, professional sales, merchandising, marketing communications and market research.

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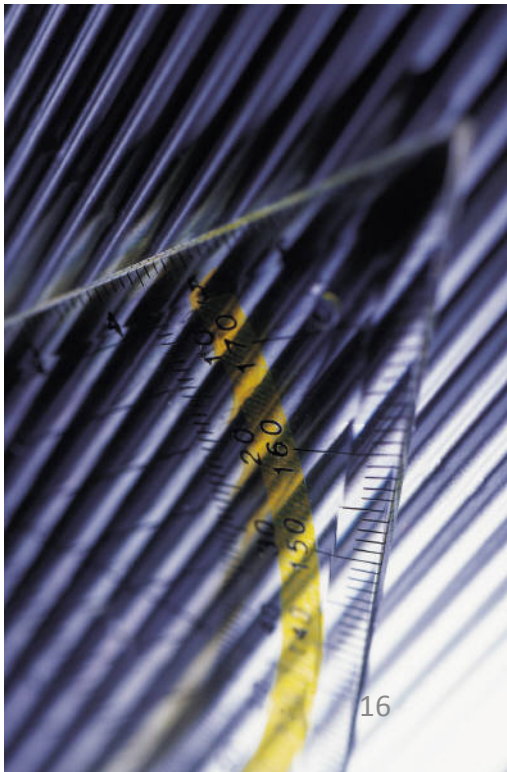
Science, Technology, Engineering and Mathematics

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering.) Includes laboratory and testing services, and research and development services.



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Transportation, Distribution and Logistics

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services. Includes transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

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Alphabetical List
16 Career Clusters

1. Agriculture, Food and Natural Resources
2. Architecture and Construction
3. Arts, Audio/Video Technology and Communications
4. Business Management and Administration
5. Education and Training
6. Finance
7. Government and Public Administration
8. Health Science

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16 Career Clusters (continued)

9. Hospitality and Tourism
10. Human Services
11. Information Technology
12. Law, Public Safety, Corrections and Security
13. Manufacturing
14. Marketing
15. Science, Technology, Engineering and Mathematics
16. Transportation, Distribution and Logistics

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Resources and References

AchieveTexas

Education initiative designed to prepare students for a lifetime of success.

http://www.achievetexas.org

Photo source: Microsoft PowerPoint ClipArt Photo Media Food

Texas Education Agency
Texas Essential Knowledge and Skills. The mission of the Texas Education Agency is to provide leadership, guidance and resources to help schools meet the educational needs of all students.
http://ritter.tea.state.tx.us/rules/tac/chapter130/index.html

The National Association of State Directors of Career Technical Education Consortium (NASDCTEc) Aims to support an innovative CTE system that prepares individuals to succeed in education and their careers.

http://www.careertech.org/career-clusters/glance/at-a-glance.html

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