

THE 16 CAREER CLUSTERS



1. The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.



2. Careers in designing, planning, managing, building and maintaining the built environment.



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



4. Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.



5. Planning, managing and providing education and training services, and related learning support services.



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



7. Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.



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



9. Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.



10. Preparing individuals for employment in career pathways that relate to families and human needs.



11. Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.



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



13. Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.



14. Planning, managing, and performing marketing activities to reach organizational objectives.



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



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



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CAREER CLUSTERS																	
Event	Cluster Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. Agriculture and Biotechnology Issues									X							X	
2. Career Prep		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3. Challenging Technology Issues		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4. Chapter Team					X			X					X				
5. Communication Challenge				X								X			X		
6. Construction Challenge			X											X			
7. Digital Photography				X												X	
8. Dragster														X		X	X
9. Electronic Gaming				X								X				X	
10. Engineering Structure			X										X			X	X
11. Environmental Focus		X	X		X	X	X	X	X	X	X	X	X	X		X	X
12. Flight										X			X			X	X
13. Global Manufacturing														X	X	X	X
14. Go Green Manufacturing		X	X		X	X				X				X		X	
15. Graphic Design				X											X		
16. Inventions and Innovations				X	X							X		X	X	X	
17. Leadership Strategies		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18. Lights, Camera, Action				X						X		X				X	
19. Medical Technology Issues									X		X					X	
20. Multimedia Production				X						X					X	X	
21. Prepared Speech				X		X							X				
22. Problem Solving			X						X			X		X		X	
23. Robot TOBOR				X								X		X		X	
24. System Control Technology			X										X	X		X	X
25. Tech Bowl						X						X				X	
26. Technical Drawing			X	X								X				X	
27. Techno Talk				X		X						X				X	
28. Transportation Challenge														X		X	X
29. TSA Cup: Marine Design										X				X		X	X
30. Website Design				X								X				X	
31. Write Now! Technical Writing				X	X			X					X		X		
32. ZAP IT! Electrical Applications				X										X			

*National Career Clusters Institute, National Association for State Directors of Career and Technical Education Consortium (NASDCTEC), <http://www.careerclusters.org/16clusters.cfm>