Career Clusters and Career Pathways

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Current Legislation

- House Bill 400 (BRIDGE)- May 2010
- House Bill 186- May 2011
- House Bill 713- pending

BRIDGE Bill

- 6th, 7th, and 8th graders shall be provided counseling, advisement, career awareness, career interests inventories, to assist them with evaluating their career interests and academics skills.
- Before end of 8th grade, a student must have an individual graduation plan.
- High Schools students must be given guidance so they can complete their individual high school graduation plan and move to post secondary education.

Every high school student will have an individual graduation plan.

Local school systems must provide every student with choices that are academically rigorous and aligned to opportunities in

high-demand, high-skill, high-wage career fields and to postsecondary career and technical pathways leading to advanced credentials or degrees. (House Bill 186)

Advisement / Bridge Act (HB 400 May, 2010) Advisement is a major part of education and career planning for ALL students. In May, the Governor signed the Bridge Bill to mandate advisement in grades 6-12. Three possible methods of delivery to result in an individual graduation plan: Georgia's Counselor-Supported 6-12 Teachers-As-Advisor (TAA) Program Model GeorgiaStandards.org for Middle Schools 32.02300 Career Awareness 12.02300 Career Discovery 13.02300 Career Management Local middle and high school counselor's program provides comprehensive and developmental counseling and advisement to all students in grades 6-12

House Bill 186

- State Model and Curriculum Frameworks based on *National Career Clusters Model*
- Stronger coordination between high school and higher education
- CTAE courses shall included embedded standards in academic core subject areas
- Dual enrollment courses and credits
- Soft Skills Certification
- Implementation July, 2012

House Bill 713

- Implementation July 2013
- Minimum course of study in career education for students in grades K-12.

Senate Version-Passed March 14, 2011

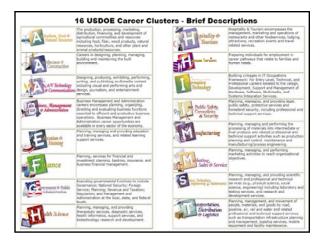
The State Board of Education shall prescribe a minimum course of study in career education for students in grades kindlengaten through 12. Such minimum course of study shall be are appropriate and shall include, but not be limited to career awareness, career exploration, and cureer oriented learning experiences."

National Career Clusters Model

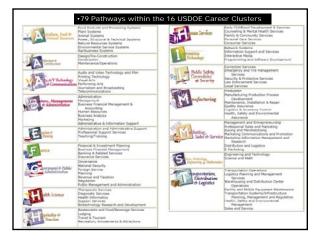
• National Association of State Directors of Career Technical Education www.Consortium



www.careerclusters.org www.careertech.org







The Terminology

- Career Clusters
- Career Pathways
- Programs of Study

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The Terminology

• Career Clusters – represent 16 groupings of occupations and industries

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The Terminology

 16 Career Clusters
 Agriculture, Food & Natural Resources
 Architecture & Construction
 Arts, A/V Technology & Communications
 Business, Management & Administration
 Education & Training Finance
Government & Public Administration
Health Science
Hospitality & Tourism
Human Services
Information Technology
Law, Public Safety & Service

Manufacturing
Marketing, Sales & Service
Science, Technology, Engineering & Mathematics
Transportation, Distribution & Logistics

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The Terminology

- Career Clusters
- Career Pathways represent a grouping of occupations within a cluster based on commonalities

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CAREER PATHWAYS: a systemic framework

As stated at the Programs of Study Institute, D.C. – July 2007:

"The intent of the Federal Government is the integration and complete connectivity of academic and career/technical education. Academic and career/technical education strands will be coupled in all Federal language. Likewise, there will be no more "programs" but 79 career pathways as aligned to 16 career clusters .

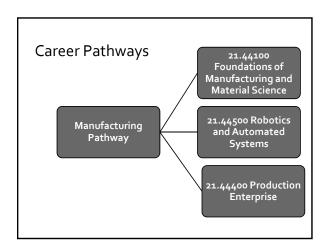
Career Pathways will facilitate the systemic integration for the two."

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The Terminology

- Career Clusters
- Career Pathways
- Programs of Study are a sequenced listing of courses, both academic and CTAE that connects students' high school and postsecondary educational experiences

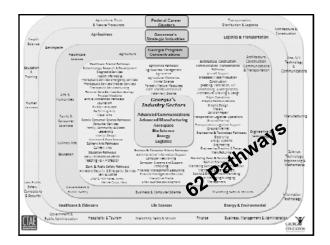
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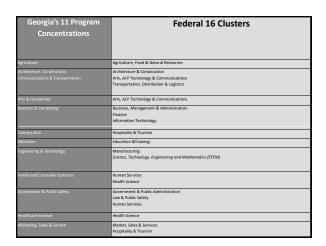


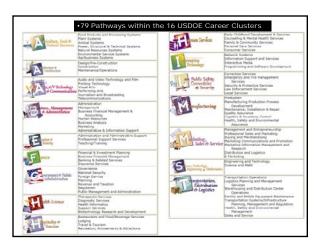
Each Career Pathway Has....

- Required and Elective Courses
- Student Organization Affiliations
- Work Based Learning
- Post Secondary Options

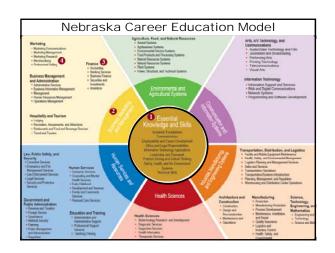


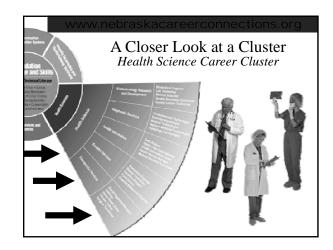






Georgia Department of Education is currently working on our Career Cluster Model.





Health Science Career Cluster

5 Career Pathways with Specialties

- Therapeutic Services Pathway MD, DVM, Audiologist, EMT, LPN, CNA...
- MD, DVM, Audiologist, EMT, LPN, CNA...

 ➤ Diagnostic Services Pathway
- Geneticist, Pathologist, Phlebotomist ...

 Health Informatics Pathway

 Epidemiologist, Ethicist, Admitting Clerk...
- Support Services
 Facilities Manager, Food Service, Industrial Hygienist
- Biotechnology R & D Biochemist, Cell Biologist, Lab Technician...

The Importance of Career Pathways: The difference:

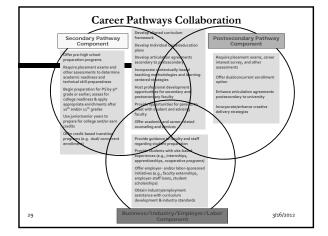
THEN

- Vocational Ed
- For a Few Students
- For a Few "Jobs"
- 6 to 7 Program Areas
- In Lieu of Academics
- High School Focused

NOW

- Career and Technical Education
- For All Students
- For All "Careers"
- 16 Clusters 79 Pathways
- Aligned/Integrated with Academics
- High School and College Partnerships

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Career Pathway Offerings Should Align with Regional Economic Development Needs

- Needs assessments through use of local resources
 - Local Economic Development
 - Chamber of Commerce
- Department of Labor Information
- Conduct needs assessments within school setting
 Surveys
- Must align career pathways with community/economic needs
- Filling gaps by maximizing resources
- Dual Enrollment with Technical College

Career Pathways are for All Students!

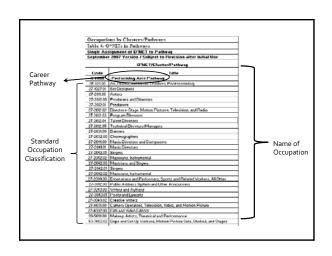
WHY?????



O*Net-Occupational Information Network

- 974 occupations
- Every occupation requires a different mix of knowledge, skills, and abilities, and is performed using a variety of activities and tasks.
- Periodically revised; the last revision was in 2010.
- O*NET program is the nation's primary source of occupational information
- Available to the public at no cost
- Developed under the sponsorship of the US Department of Labor/Employment and Training Administration (USDOL/ETA)

http://www.onetonline.org/



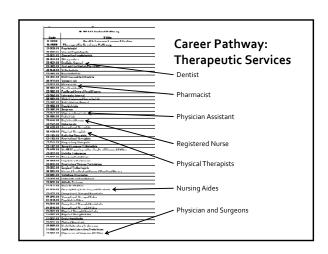


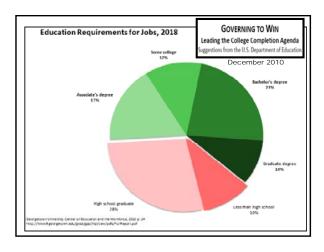
Table 6: Cluster Pathway-CIP-SOC ONET Entitle Assignments of Occupations and CIPs to Pathways					Sorted by Pathway, then ONET.		then CIP		
egtember 2007 Version / Subject to Revision after Initial Use					Series of Lauray, new O. C.1,				
_	Career Clusters Career Pathrups		U.S. Department of Education Classification of Instructional Programs		Baseau of Labor Statistics Occupational Employment Statistics Classification		Aministration - 0*NET Classification		
Tode	Cruster little	Code	Pathway Title	Code	Program Title	Code	Occupation Little	Code	Occupation Title
5000	Agriculture, Food and Natural Resource Cluster	1.1000	Food Products and Processing Systems Parkway	010199	Agricultural Business and Management, Other		Farm, Ranch, & Other Agricultural Managers		Farm, Ranch, & Other Agricultural Managers
0000	Agriculture, Food and Natural Resource Cluster	1,1000	Food Products and Processing Systems Parlmen	010199	Agricultural Business and Management, Other	11.9011	Farm, Ranch, & Other Agricultural Managers	11.9011.02	Agricultural Crop Farm Managers
0000	Agriculture, Food and Natural Resource Cluster	11000	Food Products and Pracessing Systems Pathway	010199	Agricultural Booiness and Management, Other	11-9011	Form, Ranch, & Other Agricultural Managers	11-9011 03	Fish Hatchery Manager
0000	Agriculture, Food and Natural Resource Cluster	11000	Food Products and Proceeding Systems Pathway	010105	Agricultural Farm Stepplist Retaling and Wholes along		Parchasing Agents & Booms, Farm Products	13-1021.00	Parcharing Agents & Busers, Farm Products
	ŀ	nttp:	//www.careert	ech.c	org/career-clus	ters/	resources/cros	swalks	.html

All occupations have been assigned to a single cluster/pathway for data reporting and related uses.

http://www.careertech.org/career-clusters/resources/crosswalks.html

Are Career Pathways for All Students?

YES!!!



"One mark of a great educator is the ability to lead students out to new places where even the educator has never been." -Thomas Groome

Questions?

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