









## Career Clusters Majors Fair—College of DuPage










### Concept:

A career/majors fair is planned for April 2010, to incorporate the 16 National Career Clusters with a college wide/faculty driven event. This will take place for the purpose of presenting career options within programs, disciplines, and departments—Career and Technical Education (CTE) and general academics at COD.

The development of the Career Clusters Majors Fair came in part by faculty on the Career Pathways College Wide Committee and the Counseling Office, using the National Career Clusters Framework. **The Fair dates are April 13 and 14, 2010 in SRC 2700 and 2800, 10:00am-7:00pm.** The event will combine educational enrichment and advising opportunities to students and the community, with participation and input from faculty and staff. This is an effort to introduce and apply the Illinois Career Clusters and Pathways Initiative at College of DuPage.

The fair will introduce all academic programs to prospective and current COD students and the community at large. Disciplines and programs will provide information on how to begin or continue a program; have advising materials on course sequences and certificate/degree completion. For prospective high school students an emphasis will be placed on any dual credit/admission options between area schools and COD programs. We will reinforce the concept of collaboration among CTE and teachers, counselors, and industry representatives, to develop a relevant career pathway for all students. Find additional information about the National Career Clusters Framework at [www.careerclusters.org/16](http://www.careerclusters.org/16).

	National Career Cluster Icons	College of DuPage Disciplines*	National Cluster Description <i>(From www.careerclusters.org)</i>
4/14		Horticulture Pre-Veterinary	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.
4/13		Architecture Construction Management Heating, Air Conditioning & Refrigeration	Careers in designing, planning, managing, building and maintaining the built environment.
4/13		Art • Fashion Design Graphic Arts Technology Graphic Design • Interior Design • Motion Picture/Television • Music Photography • Theater • English Journalism & Mass Communications Technical Communication Speech • Communication	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
4/13		Business Facility Management Management Office Technology Information	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.
4/14		Humanities Library and Information Technology Physical Education Teacher Teaching-Secondary Mathematics	Planning, managing and providing education and training services, and related learning support services.
4/13		Accounting Economics	Planning, services for financial and investment planning, banking, insurance, and business financial management.
4/13		Political Science	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.
4/14		Health Sciences Health Information Technology Long-Term Care Administration Practical Nursing (PN) Nursing (ADN) • Nursing (Pre-BSN) Certified Nursing Assistant Physical Therapist Assistant Pre-Physical Therapy Diagnostic Medical Imaging	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

	 <p>4/14 continued</p>	<p>Mammography  Diag. Medical Imaging Nuclear Medicine  Diag. Medical Imaging Gen. Sonography  Diag. Med. Imag. Vascular Sonography  Diag. Medical Imaging Radiography  Radiation Therapy • Respiratory Care  Surgical Technology  Speech-Language Pathology Assistant  Therapeutic Massage  Medical Transcription  Medical Assistant • Pre-Medicine  Pharmacy Technician  Pre-Pharmacy  Physician Office Coding &amp; Billing  Phlebotomy/EKG  Non-Invasive EKG  Dental Hygiene • Pre-Dentistry</p>	
4/14		<p>Food Service Administration  Hotel and Lodging Management  Hospitality Administration  Travel and Tourism</p>	<p>Hospitality &amp; Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.</p>
4/14		<p>Cosmetology  Early Childhood Education and Care  Human Services • Psychology  Religious Studies  Social Sciences • Sociology</p>	<p>Preparing individuals for employment in career pathways that relate to families and human needs.</p>
4/13		<p>Computer Information Systems  Computer and Internetworking  Technologies</p>	<p>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.</p>
4/13		<p>Criminal Justice  Emergency Medical Technician  Fire Science  Paralegal Studies  Paramedic</p>	<p>Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.</p>
4/13		<p>Manufacturing Technology  Welding</p>	<p>Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning &amp; control, maintenance &amp; manufacturing/process engineering.</p>
4/13		<p>Fashion Merchandising  Marketing  Real Estate</p>	<p>Planning, managing, and performing marketing activities to reach organizational objectives.</p>
4/13		<p>Electro-Mechanical Technology  Electronics Technology  Integrated Engineering Technology  Engineering Technology  Engineering • Mathematics  Biotechnology • Anthropology  Biology • Botany (Biology)  Chemistry  Clinical Laboratory Science  Earth Sciences • Physics  Zoology (Biology) • History  Languages • Philosophy  Geography</p>	<p>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.</p>
4/13		<p>Automotive Service Technology</p>	<p>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.</p>

Each discipline has a Classification of Instructional Program (CIP) code for a state and federal taxonomy structures to support the accurate tracking, assessment, and reporting of fields of study and program completion activity.

All instructional programs and their corresponding CIP codes are set into each of the career clusters and career pathways, assigning each program to only one pathway, taken from: [http://www.careerclusters.org/resources/crosswalks/perkins/Perkins\\_IV\\_Crosswalk\\_Table\\_7\\_Primary\\_Occupation\\_and\\_CIP\\_in\\_Pathways.xls](http://www.careerclusters.org/resources/crosswalks/perkins/Perkins_IV_Crosswalk_Table_7_Primary_Occupation_and_CIP_in_Pathways.xls)

\* Discipline and Department Information taken from: <http://home.cod.edu/academics/programsDegrees>

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