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Encore Careers/Career Pathways Workshop

Maricopa County Community College District
 MCCCCD



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Your Maricopa Community Colleges

MCCCCD Representatives
 at the
 One-Stop Career Centers

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Encore Careers/Career Pathways Workshop


- Are you 40+ in age and looking to get back into the job market or move into a growing industry? This workshop will cover 10 industry clusters and provide you with information on the high demand industries and careers in our community determined through regional research. You will learn what skills you already have that are "transferable", how to identify and market these skills in your job search.

– Data Sources, unless otherwise noted:

- National – U.S. Bureau of Labor
- Local/Arizona – Arizona Department of Commerce



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Resource Guide

- Your Link to the Community Colleges (handout)
 - We represent 10 community colleges and 2 skill centers
- Offer Workshops
 - Career Pathways
 - Career Search Tools
 - Financial Aid Information
- Assistance with resumes
- Arizona HEAT (Helping Everyone Access Training) contact <http://www.azed.gov/arizonaheat/>

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Generations in the Workplace

- Workplace Characteristics (handout)
 - Veterans (1922-1945)
 - Baby Boomers (1946-1964)
 - Generation X (1965-1980)
 - Generation Y (1981-2000)

Source: Gammill, G. "Mixing and Managing Four Operations of Employees" [EDU Magazine Online](#). Winter/Spring 2005

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Workshop Objectives


- Provide an overview of the growing industries in the Greater Phoenix area
- Review transferable skills within each industry
- Provide sample job titles for each industry, along with industry and local occupational trends
- Educational opportunities for each industry

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Transferable Skills

- Review and complete the transferable skills checklist (handout).




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Industry Clusters

- Architecture and Construction
- Bioscience
- Business Services
- Education
- Health Services
- Information Technology
- Manufacturing
- Public Safety
- Transportation, Distribution and Logistics
- Sustainability & Green Technologies




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Architecture and Construction

- Industry Definition:
 - Design and erect residential and commercial buildings or infrastructure projects (highways, bridges, and utility systems). Architectural firms apply construction procedures, zoning regulations, build codes, and building materials to the planning and design of structures while construction firms build the projects.



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Technology, utilities, education, health, services, business, services, bioscience, automotive, manufacturing, transportation, agriculture, energy, defense, aerospace, health services, food services, information services, public safety, security, and other emerging industries.

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Architecture and Construction

- Transferable Skills:
 - Active Listening
 - Coordination
 - Time Management
 - Equipment Selection
 - Reading Comprehension



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Architecture and Construction

- O*NET In Demand Job Titles:
 - Architectural Drafters
 - Aerospace Engineers
 - Surveying and Mapping Technicians
 - Brickmasons
 - Blockmasons
 - Electricians
 - Hazardous Materials Removal Workers
 - Plumbers
 - Pipefitters
 - Tile & Marble Setters

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Architecture and Construction

- Industry Trends:
 - Nationwide:
 - Contributes to 9.0 million jobs in the U.S. - 2007
 - Arizona:
 - Projected growth is 3.9% between 2006 and 2016




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Architecture and Construction

- Training Opportunities:
 - Review Industry Flyer for certificates and degrees in the industry




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Bioscience

- Industry Definition:
 - Any of the branches of natural science dealing with the structure and behavior of living organisms. Bioscience is comprised of 5 segments: drugs & pharmaceuticals, agriculture, medical devices & instruments, hospitals & laboratories, and research & testing.




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Bioscience

- Transferable Skills:
 - Near Vision
 - Deductive Reasoning
 - Inductive Reasoning
 - Oral Comprehension



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Bioscience

- O*NET In Demand Job Titles:
 - Biochemist
 - Biophysicists
 - Environmental Science & Protection Technicians
 - Agricultural Technicians
 - Microbiologist
 - Histologist
 - Medical & Clinical Laboratory Technician
 - Medical & Clinical Laboratory Technologists

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Bioscience

- Industry Trends:
 - Nationwide:
 - Contributes to 1.7 million jobs in the U.S. - 2007
 - Arizona:
 - Projected growth is 12.7% between 2006 and 2016

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Bioscience


- Training Opportunities:
 - Review Industry Flyer for certificates and degrees in the industry

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Business Services

- Industry Definition:
 - A broad term encompassing finance, professional services, management of companies, administrative support, hospitality & tourism, and government and public administration




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Business Services

- Transferable Skills:
 - Mathematics
 - Active Listening
 - Critical Thinking
 - Monitoring
 - Judgment and Decision Making




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Business Services

- O*NET In Demand Job Titles:
 - Accountants
 - Auditors
 - Compensation, Benefits, Job Analysis Specialists
 - Employment Interviewers
 - Personnel Recruiters
 - Paralegal
 - Budget Analyst

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Business Services

- Industry Trends:
 - Nationwide:
 - Contributes to 12.2 million jobs in U.S. - 2007
 - Arizona:
 - Projected growth is 14.9% between 2006 and 2016




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Business Services

- Training Opportunities:
 - Review Industry Flyer for certificates and degrees in the industry




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Education

- Industry Definition:
 - Provides instruction and training in a wide variety of subjects. Includes institutions in both the public and private sectors at all educational levels from preschool, elementary, and secondary schools, to colleges, universities, trade schools, and tutoring and testing services.



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Education

- Transferable Skills:
 - Active Listening
 - Instructing
 - Speaking in Public
 - Reading Comprehension
 - Writing
 - Social Perceptiveness



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Education

- O*NET In Demand Job Titles:
 - Adult Literacy & GED Instructors
 - Elementary School Teachers
 - Librarians
 - Preschool Teacher
 - Special Education Teacher
 - Teacher's Aides
 - Library Technician
 - Kindergarten Teacher

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Education

- Industry Trends:
 - Nationwide:
 - Contributes to 2.3 million jobs in the U.S. - 2007
 - Arizona:
 - Projected growth is 29.6% between 2006 and 2016




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Education

- Training Opportunities:
 - Review Industry Flyer for certificates and degrees in the industry




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Health Services

- Industry Definition:
 - Provides medical and social assistance to individuals as well as community services. Firms in the healthcare sector develop, market and/or distribute health related products.




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Health Services

- Transferable Skills:
 - Active Listening
 - Speaking in Public
 - Social Perceptiveness
 - Instructing
 - Reading Comprehension
 - Active Learning
 - Service Orientation




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Health Services

- O*NET In Demand Job Titles:
 - Dental Assistant
 - Medical Assistant
 - Medical Transcriptionist
 - Emergency Medical Technician (EMT) & Paramedic
 - Surgical Technician
 - Pharmacy Technician
 - Physical Therapist
 - Radiological Technicians <http://online.onetcenter.org/>



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Health Services

- Industry Trends:
 - Nationwide:
 - Contributes to 15.1 million jobs in over 735,000 establishments in the U.S. - 2007
 - Arizona:
 - Projected growth is 31.3% between 2006 and 2016




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Health Services

- Training Opportunities:
 - Review Industry Flyer for certificates and degrees in the industry



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Information Technology

- Industry Definition:
 - The study, design, development, implementation, support, or management of computer-based information systems. Deals with the use of electronic computers and computer software to convert, store, protect, process, transmit, and retrieve information. Includes industries such as software publishing, computer programming, computer systems design, and telecommunications.



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Information Technology

- Transferable Skills:
 - Troubleshooting
 - Critical Thinking
 - Active Listening
 - Complex Problem Solving



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Information Technology

- O*NET In Demand Job Titles:
 - Computer Software Engineers
 - Computer Support Specialist
 - Network & Computer System Administrators
 - Computer Systems Analyst
 - Computer Security Specialist

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Manufacturing

- Transferable Skills:
 - Operation and Control
 - Operation Monitoring
 - Mathematics
 - Equipment Selection
 - Troubleshooting
 - Reading Comprehension




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Manufacturing

- O*NET In Demand Job Titles:
 - Welders, Cutters & Welder Fitters
 - Brazers
 - Power Plant Operators
 - Sawing Machine Setters, Operators, and Tenders
 - Stone Cutters & Carvers
 - Molders, Shapers & Casters
 - Glass Blowers <http://online.onetcenter.org/>



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Manufacturing

- Industry Trends:
 - Nationwide:
 - Contributes to 13.8 million jobs in the U.S. - 2007
 - Arizona:
 - Projected growth is 2.3% between 2006 and 2016



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Manufacturing

- Training Opportunities:
 - Review Industry Flyer for certificates and degrees in the industry
- Contact

Lizette Acosta
 Coordinator Marketing & Academic Advisement
 Maricopa Community Colleges
 (480) 731-8859
Lizette@azhightech.com




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Public Safety

- Industry Definition:
 - Institutions and establishments responsible for the administration of justice, public order and safety activities. This includes: court system, police and fire protection, correctional and parole institutions and investigative and security services.




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Public Safety

- Transferable Skills:
 - Active Listening
 - Coordination
 - Equipment Selection
 - Critical Thinking
 - Service Orientation



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Public Safety

- O*NET In Demand Job Titles:
 - Police Officers
 - Firefighters
 - Court Reporters
 - Park Rangers
 - Emergency Medical Technicians (EMT) and Paramedics
 - Fish & Game

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Public Safety

- Industry Trends:
 - Nationwide:
 - Contributes to 1.9 million jobs in the U.S. - 2007
 - Arizona:
 - Projected growth is 15.0% between 2006 and 2016




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Public Safety

- Training Opportunities:
 - Review Industry Flyer for certificates and degrees in the industry




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Transportation, Distribution & Logistics

- Transferable Skills:
 - Equipment Selection
 - Repairing
 - Problem Solving
 - Troubleshooting



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Transportation, Distribution & Logistics

- O*NET In Demand Job Titles:
 - Captains, Mates & Pilots of Water Vessels
 - Commercial Pilots
 - Freight & Cargo Inspectors
 - Ship & Boat Captains
 - Sailors & Marine Oilers
 - Transportation Inspectors
 - Truck Drivers
 - Material Movers

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Transportation, Distribution & Logistics

- Industry Trends:
 - Nationwide:
 - Contributes to 4.3 million jobs in the U.S. - 2007
 - Arizona:
 - Projected growth is 10.5% between 2006 and 2016



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Transportation, Distribution & Logistics

- Training Opportunities:
 - Review Industry Flyer for certificates and degrees in the industry



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Additional Resources

- www.lifeworktransitions.com
- online.onetcenter.org/
- www.bls.gov
- www.azcommerce.com/
- <http://www.careerclusters.org/>
- <http://www.maricopa.edu/>
- <http://www.maricopa.edu/workforce>
- <http://www.maricopa.edu/work>
- <http://maricopa.jobbing.com/>
- <http://boomersindemand.com>



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Maricopa Community Colleges

- College/Skill Center Information (handout)
- Financial Aid Information (handout)




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