

education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

a force that
works

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

Your Maricopa Community Colleges

MCCCD Representatives
at the
One-Stop Career Centers

www.maricopa.edu/workforce



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



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" [FDU Magazine Online](#).
Winter/Spring 2005



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




education health services transportation utilities business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety bioscience information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Transferable Skills

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



7

Refer to transferable skills checklist in packets.

Transferable skills are key in determining your next career pathway. Take a look at the checklist and go through each of the skills and mark which ones you feel you use in your hobbies, volunteer experiences and professional career.

It is important that the skills you have match the skills necessary to be successful in that industry cluster.


education health services transportation utilities business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety bioscience information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Industry Clusters

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



8

Ask the group to introduce themselves and identify which industry cluster interests them the most.

Mark the clusters on the board as the group is identifying them.

Only discuss the ones that are marked during the workshop. Let the participants know that they can review the others and can set up an appointment or call an MCCCCD Representative with any questions. The purpose is to focus on the needs of the group and be able to spend as much time on the clusters they are interested in.


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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.



9

Read industry definition

Architecture and Construction

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



education health services transportation utilities business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety bioscience information technology utilities education health services business services bioscience automotive manufacturing


MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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

<http://online.onetcenter.org/>



11

ONET – Occupational Information Network

Read job titles


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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



12

Read trends and discuss within the group


education health services transportation utilities business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety bioscience information technology utilities education health services business services bioscience automotive manufacturing transportation public safety

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Architecture and Construction

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



13

Read through flyer and discuss the certificate programs available.

If they would like more information, encourage customer to schedule appointments with an MCCCCD Representative to further discuss their options.


education health services transportation utilities business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety bioscience information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Bioscience

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



15

Read transferable skills and relate back to initial checklist and how it is important that the customers have the skills in order to be successful in this field.


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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

 <http://online.onetcenter.org/>

16

Read job titles


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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



17

Read trends and discuss within the group


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Bioscience

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



18

Read through flyer and discuss the certificate programs available.

If they would like more information, encourage customer to schedule appointments with an MCCC Representative to further discuss their options.


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Business Services

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



19

Read definition of Business Services

This is the “catch all” industry cluster that encompasses many different careers/branches.

Good field for paraprofessionals – meaning legal secretaries, administrative assistants, accounting assistants, etc.


education health services transportation utilities business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety bioscience information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Business Services

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



20

Read transferable skills and relate back to initial checklist and how it is important that the customers have the skills in order to be successful in this field.


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Business Services

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

 <http://online.onetcenter.org/>

21

Read job titles


education health services transportation utilities business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety bioscience information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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



22

Read trends and discuss within the group


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Business Services

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



23

Read through flyer and discuss the certificate programs available.

If they would like more information, encourage customer to schedule appointments with an MCCC Representative to further discuss their options.


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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.



24

Read industry definition


education health services transportation utilities business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety bioscience information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Education

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



25

Read transferable skills and relate back to initial checklist and how it is important that the customers have the skills in order to be successful in this field.

Focus on social perceptiveness and how imperative it is that you are socially aware you are, especially when working with young children or teenagers.


education health services transportation utilities business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety bioscience information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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

 <http://online.onetcenter.org/>

26

Read job titles


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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



27

Read industry trends and discuss within the group


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Education

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



28

Read through flyer and discuss the certificate programs available.

If they would like more information, encourage customer to schedule appointments with an MCCCCD Representative to further discuss their options.


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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.



29

Read industry definition


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Health Services

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



30

Read transferable skills and relate back to initial checklist and how it is important that the customers have the skills in order to be successful in this field.


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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/>

31

Read through job titles


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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



32

Read industry trends and discuss within the group


education health services transportation utilities business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety bioscience information technology utilities education health services business services bioscience

a force that works

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

Health Services

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



33

Read through flyer and discuss the certificate programs available.

If they would like more information, encourage customer to schedule appointments with an MCCCCD Representative to further discuss their options.


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Information Technology

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



35

Read transferable skills and relate back to initial checklist and how it is important that the customers have the skills in order to be successful in this field.

education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information


MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Information Technology

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

<http://online.onetcenter.org/>



36

Read job titles

education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Information Technology

- Industry Trends:
 - Nationwide:
 - Contributes to 1.6 million jobs in the U.S. - 2007
 - Arizona:
 - Projected growth is 22.4% between 2006 and 2016



37

Read industry trends and discuss in the group


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Information Technology

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



38

Read through flyer and discuss the certificate programs available.

If they would like more information, encourage customer to schedule appointments with an MCCCCD Representative to further discuss their options.


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Manufacturing

- Industry Definition:
 - The use of machines, tools and labor to make things for use or sale. Manufacturing involves the transformation of raw materials into finished goods, and can range from handicraft to high tech. Finished goods may be used for manufacturing other, more complex products, or sold to wholesalers, retailers, and consumers.



39

Read industry definition


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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/>

41

Read job titles

education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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



42

Read industry trends and discuss within the group


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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.



44

Read industry definition


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Public Safety

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



45

Read transferable skills and relate back to initial checklist and how it is important that the customers have the skills in order to be successful in this field.


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Public Safety

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

 <http://online.onetcenter.org/>

46

Read job titles


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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



47

Read industry trends and discuss within the group


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Public Safety

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



48

Read through flyer and discuss the certificate programs available.

If they would like more information, encourage customer to schedule appointments with an MCCCCD Representative to further discuss their options.

Sustainability and Green Technologies

- Industry Definition:
 - The design and transformation of products and processes to have a lighter impact on the environment. Done for the purposes of environmental sustainability, job creation, national security, and moral obligation. Four main areas include renewable energy, construction/building, transportation, and environmental services.



Sustainability and Green Technologies

- Transferable Skills:
 - Active Listening
 - Reading Comprehension
 - Critical Thinking
 - Complex Problem Solving
 - Judgment and Decision Making
 - Coordination
 - Instructing
 - Speaking
 - Time Management
 - Troubleshooting



Sustainability and Green Technologies

- O*NET In Demand Job Titles:
 - Biological Technicians
 - Industrial Engineering Technicians
 - Electrical and Electronic Engineering Technicians
 - Surveying and Mapping Technicians
 - Plumbers
 - Electricians
 - Electrical Power Line Installers and Repairers
 - Power Plant Operators
 - Industrial Machinery Mechanics



Sustainability and Green Technologies

- Industry Trends:
 - Nationwide:
 - Will contribute 3.7% overall growth between 1998-2007
 - Arizona:
 - 16.2% projected overall growth between 1998-2007

Source: The Pew Charitable Trusts, 2009



Sustainability and Green Technologies

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




education health services transportation utilities business services bioscience automotive manufacturing public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information technology utilities education health services business services bioscience automotive manufacturing transportation public safety bioscience information technology utilities education health services business services bioscience automotive manufacturing transportation public safety

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Transportation, Distribution & Logistics

- Industry Definition:
 - Responsible for managing the flow of goods, information, and people between a point of origin and a point of consumption in order to meet the requirements of consumers. This includes: air, water, rail and truck transportation, warehouse and storage, motor vehicle repair and passenger transportation.



54

Read industry definition


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Transportation, Distribution & Logistics

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



55

Read transferable skills and relate back to initial checklist and how it is important that the customers have the skills in order to be successful in this field.

education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information


MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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

<http://online.onetcenter.org/>



56

Read job titles

education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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



57

Read industry trends and discuss within the group


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

Transportation, Distribution & Logistics

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



58

Read through flyer and discuss the certificate programs available.

If they would like more information, encourage customer to schedule appointments with an MCCCCD Representative to further discuss their options.


education health services transportation utilities business services bioscience automotive manufacturing public safety information
technology utilities education health services business services bioscience automotive manufacturing transportation public safety information
Bioscience Information technology utilities education health services business services bioscience automotive manufacturing transportation public safety information

MARICOPA COMMUNITY COLLEGES
CENTER FOR WORKFORCE DEVELOPMENT www.maricopa.edu/workforce

a force that works

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.jobing.com/>
- <http://boomersindemand.com>



59

Additional resources note on board

Maricopa Community Colleges

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



Arizona Workforce Connection

- One-Stop Career Centers (handout)
 - Phoenix Workforce Connection
 - Maricopa Workforce Connections

Workshop - Industry Trend Data Sources

Nationwide: Minnesota PLAN/U.S. Bureau of Labor

Arizona: Arizona Department of Commerce



AARP Foundation WorkSearch Assessment Tool

- WorkSearch (handout)
 - Trying to find the right job to fit your life now?
 - Considering a career change?
 - Recently relocated to a new area and need to find work soon?
- Interested in opening an account today?



<http://www.aarpworksearch.org/>

Questions and Evaluations



Disclaimer

The content of this presentation was created by the Maricopa Community College District using the resources noted and is subject to change without notice. Every effort has been made to ensure the accuracy of information presented as factual; however errors may exist. Users are directed to countercheck facts when considering their use in other applications. MCCCCD is not responsible for materials presented by untrained or unauthorized parties.

