Meeting the Workforce Needs of Business through Sector Strategies – Growing Regional Economies with Industry Partnerships – Engaging in Business Driven Partnerships

Summary

MCCCD’s Workforce Development Department has combined the fast-growing priority industry sectors identified by its member partners. Member include, but are not limited to the Arizona Commerce Authority, Arizona Governor’s Office, the Greater Phoenix Economic Council (GPEC), the Maricopa County Community College District (MCCCD), Local Workforce Investment Boards (LWIB) – Maricopa Workforce Connections (MWC), and Phoenix Business and Workforce Development Board/Phoenix Workforce Connection (PWC). Priority industry sectors among member partners can be consolidated into the following six areas:

- Advanced Business Services
- Advanced Manufacturing
- Bio-Life Sciences/Health Care/Biomedical (Health Science/Bioscience/Personalized Medicine)
- Information Technology
- Sustainability and Renewable Energy (Electric Power Generation, Transmission and Distribution)
- Transportation/Warehousing/Distribution and Logistics

2014 – Targeted Priority Industry Sector Table

<table>
<thead>
<tr>
<th>Targeted Industry Sector</th>
<th>Employment 2014¹</th>
<th>Employment 2024¹</th>
<th>Change¹</th>
<th>Percent Change¹</th>
<th>Job Openings²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Business Services</td>
<td>235,008</td>
<td>298,522</td>
<td>63,514</td>
<td>27.0%</td>
<td>40,489</td>
</tr>
<tr>
<td>Advanced Manufacturing</td>
<td>86,675</td>
<td>95,214</td>
<td>8,539</td>
<td>9.9%</td>
<td>6,503</td>
</tr>
<tr>
<td>Bio-Life Sciences, Health Care, Biomedical</td>
<td>205,458</td>
<td>272,695</td>
<td>67,237</td>
<td>32.7%</td>
<td>44,807</td>
</tr>
<tr>
<td>Information Technology</td>
<td>22,142</td>
<td>36,796</td>
<td>14,653</td>
<td>66.2%</td>
<td>1,145</td>
</tr>
<tr>
<td>Sustainability and Renewable Energy²</td>
<td>6,230</td>
<td>9,404</td>
<td>3,174</td>
<td>50.9%</td>
<td>804</td>
</tr>
<tr>
<td>Transportation, Warehousing, Distribution, and Logistics</td>
<td>34,883</td>
<td>39,823</td>
<td>4,940</td>
<td>14.2%</td>
<td>4,008</td>
</tr>
</tbody>
</table>


³Note: Not all jobs in this sector are related to sustainability and renewable energy

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**Targeted Industry Sectors identified by State, Public Workforce System, Additional Partners, and MCCCD**

**Arizona Commerce Authority** (Including Arizona Workforce Council (WAC)/Arizona’s Integrated Workforce Plan – Industry Sectors)
- Advanced Manufacturing
- Advanced Business Services
- Aerospace & Defense
- Bioscience & Health Care
- Optics/Photonics
- Renewable Energy
- Technology & Innovation/Semi-conductors

**GPEC – Greater Phoenix Economic Council (Key Industries)**
- Advanced Business Services
- Aerospace & Aviation
- Biomedical/ Personalized Medicine
- Emerging Technology
- Manufacturing & Distribution
- Mission Critical
- Renewable Energy

**MCCCD – Maricopa County Community College District**
(16 Career Clusters/Sectors – Federal/Department of Education)/sectors may be combined
1. Agriculture, Food, and Natural Resources (Includes Sectors – Green, Sustainability, and Solar)
2. Architecture and Construction
3. Arts, Audio/Video Technology, and Communications
4. Business, Management, and Administration
5. Education and Training
6. Finance
7. Government and Public Administration (Included in Sector – Business, Management, and Administration)
8. Health Science (Includes Sector – Bio-Science)
9. Hospitality and Tourism
10. Human Services
11. Information Technology
12. Law, Public Safety, Corrections, and Security
13. Manufacturing (Includes Sector – Aerospace and Defense)
14. Marketing (Included in Sectors – Business, Management, and Administration)
MCCCD – Maricopa County Community College District, continued
(16 Career Clusters/Sectors – Federal/Department of Education)/sectors may be combined
  15. Science, Technology, Engineering and Mathematics
  16. Transportation, Distribution, and Logistics (Includes Sector – Aerospace and Defense)

Maricopa Workforce Connections (MWC) have targeted the following industry sectors as “in demand” – Workforce Investment and Opportunity Act (WIOA)
  • Advanced Manufacturing
  • Aerospace and Defense
  • Bioscience
  • Healthcare
  • Information Technology
  • Logistics and Transportation
  • Renewable Energy

Phoenix Business and Workforce Development Board/Phoenix Workforce Connection (PWC) have identified the following industry sectors as “targeted sectors” and/or “in demand” – Workforce Investment and Opportunity Act (WIOA)
  • Advanced Business Services
  • Advanced Manufacturing
  • Bio-Life Sciences
  • Emerging Enterprises
  • Information Technology
  • International Business, Trade and Investment
  • Sustainable Industries

See the 2014 Arizona Sector Partnerships on page 4.
Compiled by:
Maricopa Community Colleges, Workforce Development
www.maricopa.edu/workforce, 480.731.8220, As of December 1, 2014

2014 ARIZONA SECTOR PARTNERSHIPS

LAPAZ/MOHAVE COUNTRIES REGION
- Energy Efficiency and Renewables
  Status: Emerging
- Healthcare Partnership
  Status: Active
- Kingman and Mohave Manufacturing Association
  Status: Active
- Sandbox Hospitality and Tourism Partnership
  Status: Active
- Exploring: Transportation and Logistics

COCONINO COUNTY REGION
- Astronomy Sciences Partnership
  Status: Active
- Biomedical/Bioscience Partnership
  Status: Active
- Coconino Collaboration for Advanced Manufacturing Sector Excellence
  Status: Active
- Forest Products Partnership
  Status: Emerging
- Logistics and Transportation Partnership
  Status: Emerging
- Software/IT Partnership
  Status: Emerging
- Exploring: Energy

YAVAPAI COUNTY REGION
- Energy/Renewable Energy Partnership
  Status: Active
- Light Manufacturing Partnership
  Status: Active
- Medical Services/Technology Partnership
  Status: Active
- Viticulture Sector Partnership
  Status: Active

NAVADOI/APACHE COUNTIES REGION
- Real AZ Corridor - Natural Resources
  Status: Active
- Exploring: Renewable Energy, Mining

GILA/PINAL COUNTIES REGION
- Exploring: Healthcare

CITY OF PHOENIX/MARICOPA COUNTY REGION
- Phoenix Healthcare Sector Partnership
  Status: Active
- Phoenix Business Operations and Customer Support Partnership
  Status: Emerging
- Maricopa Exploring: Energy, Logistics, Transportation and Warehousing
- Phoenix/Maricopa Exploring: Manufacturing

GILA RIVER RESERVATION REGION
- Construction Career Pathway Partnership
  Status: Active
- Government Career Pathway Partnership
  Status: Active
- Hospitality Career Pathway Partnership
  Status: Active
- Medical Career Pathway Partnership
  Status: Active

YUMA COUNTY REGION
- Aerospace and Defense Testing
  Status: Emerging
- Logistics and Transportation Partnership
  Status: Emerging
- Yuma Manufacturing Association
  Status: Active
- Exploring: Information Technology, Call Center Services

PIMA COUNTY REGION
- Pima Aerospace & Defense Manufacturing
  Status: Active
- Pascua Yaqui Renewable Energy Sector Partnership
  Status: Emerging

SOUTHERN ARIZONA REGION
- PIMA, COCHISE, GRAHAM, GREENLEE, SANTA CRUZ AND YUMA COUNTIES
  Southern Arizona Logistics Education Organization (SALEO)
  Status: Active
- Exploring: Border Security

STATEWIDE
- Arizona Manufacturing Partnership
  Status: Active

ARIZONA WORKFORCE CONNECTION
ARIZONA COMMERCER AUTHORITY

MARIPOCA COMMUNITY COLLEGES
Workforce Development