

Career Profile for Architecture / Drafting

General Program Description: The Associate in Applied Science (AAS) in Architecture prepares students to work as technicians in the areas related to Architectural Design, Architectural Drafting, or Urban Development. An architecture design and architecture drafting technician may work in many types of design related (architecture, engineering, construction, and interior design) firms/agencies using board and/or computer in designing and documenting residential and/or commercial buildings. An urban development technician may work for an urban planning or land development or real estate or landscape company/agency. Transfer opportunities are currently being created with ASU Main and East and Cal Poly University in these areas. Additional Certificate of Completion (CCL) programs may also be completed in the areas of: Residential Drafting CADD Level II, Commercial Drafting CADD Level II, Architectural Detailing CADD Level III, and Architectural CADD Level III.

Advancement options: Entry-level or junior drafters usually do routine work under close supervision. After gaining experience, they may become intermediate drafters and progress to more difficult work with less supervision. At the intermediate level, they may need to exercise more judgment and perform calculations when preparing and modifying drawings. Drafters may eventually advance to senior drafter, designer, or supervisor. Many employers pay for continuing education, and, with appropriate college degrees, drafters may go on to become engineering technicians, engineers, or architects.

Projected Job Growth: Drafters can expect slower than average employment growth through 2016, with the best opportunities expected for those with 2 years of professional training in a drafting program that provides strong technical skills and considerable experience with CADD systems. Drafters have a projected growth of 29.6% between 2004 and 2014 in Greater Phoenix, or an average of 119 openings per year, comprised of 61 new jobs and 58 positions vacated by people leaving the field.

Location	Pay Period	Bureau of Labor Statistics - 2006 Salaries*		
		Entry-level	Median	Experienced
United States	Hourly	\$ 12.66	\$20.70	\$33.56
	Yearly	\$26,300	\$43,100	\$69,800
Greater Phoenix	Hourly	\$14.93	\$21.03	\$32.68
	Yearly	\$31,000	\$43,700	\$68,000
Arizona	Hourly	\$14.98	\$19.79	\$30.77
	Yearly	\$31,200	\$41,200	\$64,000

For more career information for Architects, Design or Drafting Technicians, visit:

www.bls.gov/oco, www.maricopa.edu/workforce,
<http://www.acinet.org/>, or
www.mc.maricopa.edu/students/career/

For MCC program information, contact Mehrzad Khorsandi, 480-461-7257, Architecture Program Director, or visit

<http://www.mc.maricopa.edu/dept2/architecture/>

*Labor market information provided by AZ Dept of Economic Security in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics. Wages will vary depending on the employer, location, hours worked, experience, responsibility and other factors. Career and Re-Entry Services will collaborate with academic and occupational program departments to develop internship and career experience opportunities.

Sample Job Titles: AutoCAD Drafter, Architecture Design Technician, Architecture Drafting Technician, Structural Designer, CAD/CADD Technician, Architectural CAD Drafters

Types of Employers:

- Architectural and structural metals manufacturers
- Commercial and industrial machinery manufacturers
- Computer and electronic products manufacturing
- Transportation equipment manufacturing

Local Employers who posted related jobs on the Maricopa Career Network: DZ Atlantic, Construction Secretaries, National Engineers Clearinghouse, HDR, Honeywell

Professional Associations
American Institute of Architects
Email: infocentral@aia.org
<http://www.aia.org>

For current job openings, go to Maricopa Career Network
<http://mcmaricopa.jobing.com/>.

American Design Drafting Association
<http://www.adda.org/>

Architecture Drafting Technician Overview At-A-Glance

- Prepare technical drawings for buildings and other structures
- Work with engineers and architects
- Often specialize in an area of construction
- Use CAD (Computer-Aided Design)
- May work overtime to meet deadlines
- Most have a two-year degree in drafting
- Most work for engineering and architectural firms
www.azcis.intocareers.org

For additional information on Welding careers or to watch occupational videos, visit:

Arizona Career Information Systems (AzCIS)
www.azcis.intocareers.org
User name: mesacc; Password: 4azcis02

Career Voyages
www.careervoyages.gov

Internships are supervised practical training in a short-term or temporary position with an emphasis placed on instruction, training, mentoring, networking and gaining applied work experience. These positions may be paid or unpaid. Contact Career and Re-Entry Services for internship information: 480-461-7430.

Internship Completed: _____ Dates: _____ Location: _____

Service-Learning is a teaching and learning method that connects meaningful community service with academic learning through guided reflection. Contact the Center for Service- Learning for more information: 480-461-7393.

Service-Learning Completed: _____ Dates: _____ Location: _____

Transfer Options: Contact Transfer Services for more transfer information: 480-461-7452.

Architecture Design: ASU Main, Cal-Poly. **Architecture Drafting:** ASU East. **Urban Development:** ASU East and Main.

Career Assessments Completed:

<i>Career Assessment / Results</i>	<i>Date Completed</i>	<i>Reviewed by</i>

Career Readiness Workshops / Activities Completed:

<i>Workshop Name / Activity</i>	<i>Date Completed</i>	<i>Follow Up Contact (s)</i>
Resume Writing Workshop		
Resume completed and reviewed by:		
Participate in Mock Interview		
How To Prepare for a Career Fair		
Attend Career Fair / Job Expo Location:		
Joined Professional Association:		

MCC Career and Re-Entry Services
Providing Guidance for Career and Workplace Success

For more Career Profiles, visit

<http://www.mc.maricopa.edu/students/career/careerprofiles.html>

Meet with a Career Advisor in Bldg #36, Room SS5N - adjacent to the Kirk Student Center, 480-461-7430

