

CONSTRUCTION TRADES CERTIFICATE

CARPENTRY LEVEL 1

CERTIFICATE NUMBER 1642

What is a carpenter? Look around you. Just about every building in your community was at least partially built by skilled carpenters, your home, school, malls, churches, sports arenas; the list goes on and on. To be a carpenter is to be a member of one of the oldest and most respected trades. You can build a lifetime career in carpentry, if you like working with tools and like to create things. Hammer out a well-built future with training in carpentry which will also introduce students to Green Technology - green alternatives to construction. Upon completion of this program students will earn their Core Curriculum certificate, OSHA 10 card for construction and Carpentry Level 1 certificate from The National Center for Construction Education and Research (NCCER).

*Students are required to assist in the maintenance and cleaning of essential equipment, shop area and work site.

JOB TITLES: Carpentry Worker, Carpentry Leadman, Carpenter’s Apprentice, Carpenter

ATTIRE: Long pants, sleeved shirt and closed toe shoes.

LOCATION: Gateway Community College Central City Campus, 1245 East Buckeye Road, Phoenix AZ 85034

CLASS HOURS: M-R 7:30 AM-2:00 PM

***PROGRAM FEE:** This programs requires additional materials and items needed by students to successfully complete curriculum. Program fees include but are not limited to worker tool kits, and personal protection equipment.

CATALOG ID	COURSE NAME	EST. CLOCK HOURS	EST. TUITION	LAB FEES	*PROGRAM FEE
BLOCK I					
ESP 150	Strategies for Student Success	48	\$240.00	\$15.00	\$0.00
ISP 118	Computer Essentials	48	\$240.00	\$10.00	\$0.00
COR 100	Core: Intro to Craft Skills	120	\$600.00	\$65.00	\$0.00
YRG 300	Your Role in the Green Environment	30	\$150.00	\$0.00	\$0.00
CPT 103	Carpentry 1	210	\$1,050.00	\$345.00	\$260.00
ESP 118	Career Readiness	12	\$60.00	\$0	\$0
Program Totals	*Completion times and program costs are estimated based on a 24-hour per week schedule – your actual costs will vary. Book Fees = Actual Cost to reflect cost of books at time of purchase.			ESTIMATED CLOCK HOURS 468 ESTIMATED CLOCK HOUR TUITION \$ 2,340.00 LAB FEES \$ 435.00 PROGRAM FEE * \$ 260.00 ESTIMATED TOTAL* \$ 3,035.00 BOOK FEES ACTUAL COST	

CONSTRUCTION TRADES CERTIFICATE

CARPENTRY LEVEL 2

CERTIFICATE NUMBER 1653

Carpenters make up the largest building trades occupation in the industry and those with all-around skills are in high demand. Carpenters are involved in many different kinds of construction activities, erect, install, or repair structures and fixtures made of wood, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and may also install cabinets, siding, and drywall. Individuals with good basic overall training are at a distinct advantage, because they can switch from residential building to commercial construction or remodeling work, depending on which offers the best work opportunities. This program also introduces students to Green Technology - green alternatives to construction. Upon completion of this program Students will earn their Core Curriculum certificate, OSHA 10 card for construction. Carpentry Level 1 and 2 certificate from The National Center for Construction Education and Research (NCCER).

*Students are required to assist in the maintenance and cleaning of essential equipment, shop area and work site.

JOB TITLES: Carpentry Worker, Carpentry Leadman, Carpenter’s Apprentice, Carpenter

ATTIRE: Long pants, sleeved Shirt and closed toe shoes.

CLASS HOURS: M-R 7:30 AM-2:00 PM

LOCATION: Gateway Community College Central City Campus, 1245 East Buckeye Road, Phoenix AZ 85034

***PROGRAM FEE:** This program requires additional materials and items needed by students to successfully complete curriculum. Program fees include but are not limited to worker tool kits, and personal protection equipment.

CATALOG ID	COURSE NAME	EST. CLOCK HOURS	EST. TUITION	LAB FEES	*PROGRAM FEE
BLOCK I					
ESP 150	Strategies for College Success	48	\$240.00	\$15.00	\$0
ISP 118	Computer Essentials	48	\$240.00	\$10.00	\$0
COR 100	Core: Intro to Craft Skills	120	\$600.00	\$65.00	\$0
YRG 300	Your Role in the Green Environment	30	\$150.00	\$0.00	\$0
BLOCK II					
CPT 103	Carpentry 1	210	\$1,050.00	\$345.00	\$260.00
CPT 203	Carpentry 2	228	\$1,140.00	\$295.00	\$0
ESP 118	Career Readiness	12	\$60.00	\$0	\$0
Program Totals	*Completion times and program costs are estimated based on a 24-hour per week schedule – your actual costs will vary. Book Fees = Actual Cost to reflect cost of books at time of purchase.		ESTIMATED CLOCK HOURS	ESTIMATED CLOCK HOUR TUITION	LAB FEES
					PROGRAM FEE *
					ESTIMATED TOTAL*
					BOOK FEES
					ACTUAL COST
			696	\$ 3,480.00	\$ 730.00
					\$ 260.00
					\$ 4,470.00

CONSTRUCTION TRADES CERTIFICATES

ELECTRICIAN WORKER LEVEL 1

CERTIFICATE NUMBER 1644

Without Electricians, there would be no power to light our homes, computers, and Televisions. Electricians bring us electricity by installing the wires that carry electricity; they also repair electric machines. By enrolling in the Electrician Worker program your training will include practical hands on experience, knowledge of electricity, manual and power tool usage, installation practices, and NEC code standards. This program will also introduce students to Green Technology - green alternatives to construction. Upon completion of this program Students will earn their Core Curriculum certificate, OSHA 10 card for construction and Electrical Level 1 certificate from The National Center for Construction Education and Research (NCCER).

*Students are required to assist in the maintenance and cleaning of essential equipment, shop area and work site.

JOB TITLES: Electrician Helper, Apprentice Electrician, Maintenance Electrician Helper, Electrical Worker

ATTIRE: Long Pants, Sleeved Shirt, Closed toe shoes

LOCATION: Gateway Community College Central City Campus, 1245 East Buckeye Road, Phoenix AZ 85034

CLASS HOURS: M-R 7:30 AM-2:00 PM

***PROGRAM FEE:** This programs requires additional materials and items needed by students to successfully complete curriculum. Program fees include but are not limited to worker tool kits, and personal protection equipment.

CATALOG ID	COURSE NAME	EST. CLOCK HOURS	EST. TUITION	LAB FEES	*PROGRAM FEE				
BLOCK 1									
ESP 150	Strategies for Student Success	48	\$240.00	\$15.00	\$0.00				
ISP 118	Computer Essentials	48	\$240.00	\$10.00	\$0.00				
COR 100	Core: Intro to Craft Skills	120	\$600.00	\$65.00	\$0.00				
YRG 300	Your Role in the Green Environment	30	\$150.00	\$0.00	\$0.00				
ELR 101	Electrical Level 1	210	\$1,050.00	\$355.00	\$355.00				
ESP 118	Career Readiness	12	\$60.00	\$0	\$0.00				
Program Totals	*Completion times and program costs are estimated based on a 24-hour per week schedule – your actual costs will vary. Book Fees = Actual Cost to reflect cost of books at time of purchase.		ESTIMATED CLOCK HOURS	ESTIMATED CLOCK HOURS TUITION	LAB FEES	PROGRAM FEE*	ESTIMATED TOTAL*	BOOK FEES	ACTUAL COST
			468	\$2,340.00	\$445.00	\$355.00	\$3,140.00		

CONSTRUCTION TRADES CERTIFICATES

ELECTRICIAN WORKER LEVEL 2

CERTIFICATE NUMBER 1663

Are you interested in being part of the exciting and growing Electrical industry? The construction industry is a major employer, consisting of small and large companies and many self-employed people. To advance your knowledge as an Electrician enroll in this the Electrician Worker Level 2 program to learn, develop and practice the skills required for employment and/or career progression. Your training will include practical hands on experience, knowledge of electricity, manual and power tool usage, installation practices, and NEC code standards. This program will also introduce students to Green Technology - green alternatives to construction. Upon completion of this program Students will earn their Core Curriculum certificate, OSHA 10 card for construction, Electrical Level 1 and 2 certificates from The National Center for Construction Education and Research (NCCER).

*Students are required to assist in the maintenance and cleaning of essential equipment, shop area and work site.

JOB TITLES: Electrician Helper, Apprentice Electrician, Maintenance Electrician Helper, Electrical Worker

ATTIRE: Long Pants, Sleeved Shirt, Closed toe shoes

LOCATION: Gateway Community College Central City Campus, 1245 East Buckeye Road, Phoenix AZ 85034

CLASS HOURS: M-R 7:30 AM-2:00 PM

***PROGRAM FEE:** This program requires additional materials and items needed by students to successfully complete curriculum. Program fees include but are not limited to worker tool kits, and personal protection equipment.

CATALOG ID	COURSE NAME	EST. CLOCK HOURS	EST. TUITION	LAB FEES	*PROGRAM FEE
BLOCK I					
ESP 150	Strategies for Student Success	48	\$240.00	\$15.00	\$0.00
ISP 118	Computer Essentials	48	\$240.00	\$10.00	\$0.00
COR 100	Core: Intro to Craft Skills	120	\$600.00	\$65.00	\$0.00
YRG 300	Your Role in the Green Environment	30	\$150.00	\$0.00	\$0.00
BLOCK II					
ELR 101	Electrical: Level 1	210	\$1,050.00	\$0	\$355.00
ELR 201	Electrical: Level 2	228	\$1,140.00	\$560.00	\$100.00
ESP 118	Career Readiness	12	\$60.00	\$0	\$0
Program Totals	*Completion times and program costs are estimated based on a 24-hour per week schedule – your actual costs will vary. Book Fees = Actual Cost to reflect cost of books at time of purchase. Book lists and pricing can be found at maricopaskillcenter.com		ESTIMATED CLOCK HOURS	ESTIMATED CLOCK HOUR TUITION	LAB FEES
					PROGRAM FEE*
					ESTIMATED TOTAL*
					BOOK FEES
					ACTUAL COST
			696	\$3,480.00	\$650.00
					\$455.00
					\$4,585.00

CONSTRUCTION TRADES CERTIFICATE

GREENBUILDER: SOLAR PHOTOVOLTAIC INSTALLER

CERTIFICATE NUMBER 1656

Solar energy has become a quickly growing field in both residential and commercial construction. As more buildings seek to achieve [LEED certification: Leadership in Energy and Environmental Design](#) and more homeowners seek ways to cut their energy bills, the number of solar installer jobs will continue to increase. With the limited number of certified installers coupled with the rising demand makes becoming a solar installer an excellent choice for those who are seeking a career path that is likely to see widespread expansion. This program will also introduce students to Green Technology - green alternatives to construction. Upon completion of this program Students will earn their Core Curriculum certificate, OSHA 10 card for construction, and a Solar Installer certificate from The National Center for Construction Education and Research (NCCER).

*Students are required to assist in the maintenance and cleaning of essential equipment, shop area and work site.

JOB TITLES: Solar Panel Installer

ATTIRE: Long pants, sleeved shirt and closed toe shoes.

CLASS HOURS: M-R 7:30 AM-2:00 PM

LOCATION: Gateway Community College Central City Campus, 1245 East Buckeye Road, Phoenix AZ 85034

***PROGRAM FEE:** This program requires additional materials and items needed by students to successfully complete curriculum. Program fees include but are not limited to worker tool kits, and personal protection equipment.

CATALOG ID	COURSE NAME	EST. CLOCK HOURS	EST. TUITION	LAB FEES	*PROGRAM FEE
BLOCK I					
ESP 150	Strategies for Student Success	48	\$240.00	\$15.00	\$0
ISP 118	Computer Essentials	48	\$240.00	\$10.00	\$0
COR 100	Core: Intro to Craft Skills	120	\$600.00	\$65.00	\$0
YRG 300	Your Role in the Green Environment	30	\$150.00	\$0.00	\$0
BLOCK II					
SLR 001	Solar Electrical	216	\$1,080.00	\$330.00	\$580.00
SLR 002	Solar Photovoltaic System Installation	222	\$1,110.00	\$355.00	\$0
ESP 118	Career Readiness	12	\$60.00	\$0	\$0
Program Totals	*Completion times and program costs are estimated based on a 24-hour per week schedule – your actual costs will vary. Book Fees = Actual Cost to reflect cost of books at time of purchase.			ESTIMATED CLOCK HOURS ESTIMATED CLOCK HOUR TUITION LAB FEES PROGRAM FEE* ESTIMATED TOTAL* BOOK FEES	696 \$3,480.00 \$775.00 \$580.00 \$4,835.00 ACTUAL COST

CONSTRUCTION TRADES CERTIFICATE

PLUMBING WORKER LEVEL 1

CERTIFICATE NUMBER 1646

Who needs plumbers? There are many things that can go wrong with the plumbing in one's home or office; owners may run into basic plumbing problems such as leaking fixtures, faucets, pipes, to complicated jobs like clogged drains or foul smells due to septic problems and a plumber is the most skilled and likely choice for fixing these problems. Demand for plumbers will stem from new construction and from renovation of buildings. In addition, repair and maintenance of existing residential systems will keep plumbers employed. This program will also introduces students to Green Technology - green alternatives to construction. Upon completion of this program Students will earn their Core Curriculum certificate, OSHA 10 card for construction and Plumbing Level 1 certificate from The National Center for Construction Education and Research (NCCER).

*Students are required to assist in the maintenance and cleaning of essential equipment, shop area and work site.

JOB TITLES: Plumbing Apprentice, Plumbing Worker, Maintenance Plumber

ATTIRE: Long pants, sleeved shirt and closed toe shoes.

LOCATION: Gateway Community College Central City Campus, 1245 East Buckeye Road, Phoenix AZ 85034

CLASS HOURS: M-R 7:30 AM – 2:00 PM

***PROGRAM FEE:** This programs requires additional materials and items needed by students to successfully complete curriculum. Program fees include but are not limited to worker tool kits, and personal protection equipment.

NOTE: This Program requires a minimum enrollment number.

CATALOG ID	COURSE NAME	EST. CLOCK HOURS	EST. TUITION	LAB FEES	PROGRAM FEES
BLOCK I					
ESP 150	Strategies for Student Success	48	\$240.00	\$15.00	\$0
ISP 118	Computer Essentials	48	\$240.00	\$10.00	\$0
COR 100	Core: Intro to Craft Skills	120	\$600.00	\$65.00	\$0
YRG 300	Your Role in the Green Environment	30	\$150.00	\$0.00	\$0
PLG 104	Plumbing Level 1	210	\$1,050.00	\$507.00	\$450.00
ESP 118	Career Readiness	12	\$60.00	\$0	\$0
Program Totals	*Completion times and program costs are estimated based on a 24-hour per week schedule & 20-hour per week for evening option, your actual costs will vary. Book Fees = Actual Cost to reflect cost of books at time of purchase.		ESTIMATED CLOCK HOURS	ESTIMATED CLOCK HOUR TUITION	LAB FEES
					PROGRAM FEE
					ESTIMATED TOTAL*
					BOOK FEES
					ACTUAL COST
			468	\$2,340.00	\$597.00
				\$450.00	\$3,387.00

CONSTRUCTION TRADES CERTIFICATE

PLUMBING WORKER LEVEL 2

CERTIFICATE NUMBER 1662

Plumbers install and repair water, sewage, and drainage systems in businesses, factories, and homes. They also install plumbing fixtures such as toilets, sinks, bathtubs, and dishwashers. Because many plumbers work directly with clients, a plumber's customer service skills are sometimes just as important as their plumbing skills. Retaining customers is a lot cheaper than finding new ones, and treating people well increases the likelihood that they will use a service again and refer their friends. Master plumbers may work closely with engineers and architects on the blueprints for a building. In Level 2 plumbing students get a great start to long and prosperous career in the plumbing industry. This program will also introduce students to Green Technology - green alternatives to construction. Upon completion of this program Students will earn their Core Curriculum certificate, OSHA 10 card for construction and Plumbing Level 1 and 2 certificates from The National Center for Construction Education and Research (NCCER).

*Students are required to assist in the maintenance and cleaning of essential equipment, shop area and work site.

JOB TITLES: Plumbing Apprentice, Plumbing Worker, Maintenance Plumber

ATTIRE: Long pants, sleeved shirt and closed toe shoes.

LOCATION: Gateway Community College Central City Campus, 1245 East Buckeye Road, Phoenix AZ 85034

CLASS HOURS: M-R 7:30 AM – 2:00 PM

***PROGRAM FEE:** This program requires additional materials and items needed by students to successfully complete curriculum. Program fees include but are not limited to worker tool kits, and personal protection equipment.

NOTE: This Program requires a minimum enrollment number.

CATALOG ID	COURSE NAME	EST. CLOCK HOURS	EST. TUITION	LAB FEES	PROGRAM FEES				
BLOCK I									
ESP 150	Strategies for College Success	48	\$240.00	\$15.00	\$0				
ISP 118	Computer Essentials	48	\$240.00	\$10.00	\$0				
COR 100	Core: Intro to Craft Skills	120	\$600.00	\$65.00	\$0				
YRG 300	Your Role in the Green Environment	30	\$150.00	\$0.00	\$0				
BLOCK II									
PLG 104	Plumbing Level 1	210	\$1,050.00	\$507.00	\$450.00				
PLG 204	Plumbing: Level 2	228	\$1,140.00	\$680.00	\$0				
ESP 118	Career Readiness	12	\$60.00	\$0	\$0				
Program Totals	*Completion times and program costs are estimated based on a 24-hour per week schedule & 20-hour per week for evening option, your actual costs will vary. Book Fees = Actual Cost to reflect cost of books at time of purchase.		ESTIMATED CLOCK HOURS	ESTIMATED CLOCK HOUR TUITION	LAB FEES	PROGRAM FEE	ESTIMATED TOTAL*	BOOK FEES	ACTUAL COST
			696	\$3,480.00	\$1,277.00	\$450.00	\$5,207.00		