



ELECTRICAL, COMMERCIAL AND RESIDENTIAL

GATEWAYCC.EDU/CONSTRUCTION

[INFORMATION PACKET]



**APPLIED
TECHNOLOGY**



**GATEWAY
COMMUNITY COLLEGE**
A MARICOPA COMMUNITY COLLEGE



MARICOPA
COMMUNITY COLLEGES

consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, age, or national origin. A lack of English language skills will not be a barrier to admission and participation in the career and technical education programs of the District.

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For the latest information on programs, graduation rates and other important consumer information, please visit our website at gatewaycc.edu



Central City Campus

Construction Trades: Electrical, Commercial and Residential

Your Journey Starts Today!

Dear Student,

Congratulations! You are taking the first step to applying to a Gateway Central City Campus, Trade & Technical Program! Our Construction Trades: Electrical, Commercial and Residential Program offers hands on training and assists in preparing our students for employment in today's workforce. The Certificate of Competency (CCT) for Construction Trades: Electrical, Commercial and Residential explores the fundamentals of electrical theory, residential wiring, along with a basic understanding of electrical requirements of the National Electric Code (NEC) for designing electrical layouts, installation methods and maintenance, troubleshooting, and repair of electrical circuits and equipment. If you desire a career in electrical, then this program is for YOU!

Our accredited program is offered in the day and evening and upon completion awards a Certificate of completion. For more information on Electrical careers and salary, please visit www.onetonline.org. To successfully enroll, please read this packet thoroughly and follow the steps on the checklist on page 2.

The Student Services Team is excited to welcome you to GateWay and is here to provide assistance to help you succeed. If you have questions, please do not hesitate to contact us at 602-238-4350. Thank you for your interest in GateWay Central City Electrical Technician program, and we look forward to your Graduation

Sincerely,

Student Services Team
GateWay Central City
602-238-4350

Admission Process

Completed

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(Optional) Attend an Virtual Information Session

Thursday at 5-6 pm to learn more about what the program entails and the admission process to get started. The sessions are held via Webex.

Join with virtual meeting link:

https://docs.google.com/document/d/1Sqjp06YTm_R5NhUG8w28jnls4sVIN_Tdt9621ehECio/edit

1. Apply for Admission

Complete the admissions application to Gateway Community College.

Go to <https://www.gatewaycc.edu/> and click apply now in the top left-hand corner.

Program Name: Construction Trades: Electrical, Commercial and Residential

Field of Interest: Applied Technology

Program #: 1114 (Day), 1115 (Night)

Here are 3 ways we can help:

- **Watch the “How to Apply” YouTube Video** for Clock Hour programs
<https://www.youtube.com/watch?v=f2ZSYlqfwc>
- **Attend one of our “How to Apply” Information Sessions:** Register at
<https://www.gatewaycc.edu/events/2020/virtual-how-apply-sessions>
- **Contact us:** If you need help, please contact our Recruitment Team:
gwc.recruitment@gatewaycc.edu gregorio.ramos@gatewaycc.edu



2. Secure Program Funding

Apply for Federal Financial Aid- www.fafsa.gov.

a. USE SCHOOL CODE: E00701.

The step above is very important for clock hour students. If you select Gateway instead, you delay the process to secure funding.

- Agency/Third-Party Funding
- Pay In Full (Buy-In)
- Payment Plan -Down payment is required to secure your seat, monthly payments are calculated and the student pays a set amount throughout their program. The total amount of the program will need to be paid before the student receives their certificate of completion.

Failure to secure funding for the program 30 days before the program start date will put students at risk of being dropped from courses due to non-payment

4. Self apply for admissions

Send an email to: Clockenroll@gatewaycc.edu

- State your First and last name
- Provide your official student ID #.
- Provide a brief description stating that you would like to enroll in a clock hour program.
- Provide the program name and state if it is day or night.
(Example: Collision Repair Technician (Day))
- Then please explain what steps you are taking to secure funding for the program. (example: I submitted a 2021-2022 FAFSA).



5. Finalize Payment Arrangements: Contact Business Office: 602.286.8722	
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PROGRAM TUITION AND FEES	Construction Trades: Electrical, Commercial and Residential
Registration Fee*	\$15.00
Tuition Clock Hour	\$3,150.00 (630 hrs X \$5)
Course Fees	\$1,495.00
TOTAL Tuition & Fees	\$4,645.00

Program Description:

The Certificate of Competency (CCT) in Construction Trades: Electrical Commercial and Residential program is designed to provide knowledge, safety, and skills in the electrical construction trade. This program reinforces common construction skills to include the use of tools, adherence to safety and codes, and reading construction drawings. This award offers further theory and practice in commercial and specialty electrical, including work with electric power distribution, motors, and motor controls, specialty electrical lighting and services, and electrical currents. Students can seek employment as electrical technicians on residential and commercial job sites. A Certificate of Completion (CCL) and an Associate in Applied Science in Construction Trades are also available.

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Program Notes:

Students must earn a grade of C or better in all courses within the program.

There is an equivalent certificate of completion and equivalent credit-hour courses available.

Next Start Date:

05/16/2022

Program Schedule

Day Class: Monday- Thursday, 8am-3pm

Course Curriculum

CST103: Construction Safety

CST104: Power and Hand Tools, Equipment, and Workspace

CST105: Construction Calculations

CST107: Introduction to Construction Drawings

ELR131: Electrical Systems

ELR132: Distribution Panels, Wiring, and Circuit Protection in Electrical Systems

ELR133: Conduit, Raceways and Termination in Electrical Systems

ELR234: Electric Power Distribution

ELR235: Motors and Motor Controls

ELR236: Industrial Wiring Applications

Booklist

Core Curriculum Trainee Guide, ISBN:9780134130989

Electrical Level 1 Trainee Guide, ISBN:9780134738208

Electrical Level 2 Trainee Guide, ISBN:9780134738215

Electrical Level 4 Trainee Guide, ISBN:9780134738225

Uniforms and Professional Appearance

Program shirts will be provided to students once instructors get an official headcount within the first few weeks of the program start date.

The Gateway Community College reserves the right to change, without notice, any materials, information, curriculum requirements, and regulations stated in this publication.



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