

Washington County



Community College  
Calais, Maine  
Discover Choices • Create Success

### Approximate Cost For One Year (Tuition & Fees)

In State  
\$5,794.80

New Brunswick Residents  
\$11,343.60

Out of State  
\$11,343.60

Financial Aid is available  
for students who qualify.  
Approximately 85% of  
WCCC students receive  
some form of financial aid.

[www.FAFSA.Ed.Gov](http://www.FAFSA.Ed.Gov)

School Code: 009231

One College Drive  
Calais, Maine 04619

207-454-1000



[wccc.me.edu](http://wccc.me.edu)

# Residential and Commercial Electricity



The Residential and Commercial Electricity Diploma program provides students with the skills necessary for an entry-level job as an electrician. Thorough technical instruction is given in the layout, assembly, installation and troubleshooting of fixtures, devices, services, heating systems, pumps, motors and motor controls used in residential, commercial and some industrial locations. The students learn electrical theory and the techniques of the trade, including: blueprint reading, wiring, pipe bending, motor control, and switching power circuits. Emphasis is placed on meeting the requirements of the National Electrical Code in all wiring installations.

Successful completion of the courses qualifies the student to take the State of Maine Journeyman's examination, receive 4,000 hours towards journeyman license, and to enter employment under a Master Electrician. Upon passing the state examination, students are issued journeyman-in-training licenses. Graduates may find employment opportunities with electrical contractors, electrical equipment suppliers, and industrial maintenance companies.

*Placement in MAT106, College Math for Technology or a graduate of a Regional Technical Center Electrical Program or equivalent or pass high school algebra with a C or better is required for admittance into the program. Students are assessed using the Accuplacer.*

Visiting the campus is easy. Contact the Office of Admissions at 207-454-1000 or [admissions@wccc.me.edu](mailto:admissions@wccc.me.edu) to schedule a time to visit the Residential and Commercial Electricity program! For more program specific information, please contact the program instructor Tim James, [tjames@wccc.me.edu](mailto:tjames@wccc.me.edu), 207-454-1071.

Washington County Community College is an equal opportunity/affirmative action institution and employer. For more information; please call Tatiana Osmond, Affirmative Action Officer, at 454-1094

## Diploma – 45 credit hours

Course #	Course Title	Credits
<b>Semester 1</b>		
DRG 126	Architectural Drafting and CAD	3
ENG 101	College Composition	3
FYE 100	First Year Experience	1
REY 131	Residential and Commercial Electricity Technology I	2
REY 152	Residential and Commercial Electricity Technology II	8
TEC 150	Electronic Principles I	3
	<b>Total</b>	<b>20</b>
<b>Semester 2</b>		
MAT 106	College Mathematics for Technologies	3
NEC 111	National Electrical Code	3
REY 181	Residential and Commercial Electricity Technology III	9
REY 184	Residential and Commercial Electricity IV	4
TEC 151	Electronic Principles II	3
	<b>Total</b>	<b>22</b>
<b>Semester 3</b>		
REY 190	Residential Commercial Electricity Internship	3
	<b>Total</b>	<b>3</b>