ELECTRICAL TECHNOLOGY
24 MONTHS - 60 CREDITS

I WANT TO
Be a certified technician

IT’S ALL ABOUT [Your Dream]

COURSE CODE | COURSE TITLE | SEMESTER CR.HR
--- | --- | ---
EET1011 | DC Circuits | 4
EET1000 | National Electrical Code | 4
EET1021 | AC Circuits | 4
EET1051 | Electrical Materials & Components | 4
EET1050 | Blue Print Reading | 4
BCT1630 | Residential Wiring | 4
CET1112 | Digital Electronics & Microprocessors | 4
AMH2022 | US History | 4
EET1517 | Electric Motors | 4
MAC1100 | Fundamentals of College Math I | 4
EST1542 | Programmable Logic Controllers | 4
ECO2000 | Principles of Economics | 4
BCT1635 | Commercial & Industrial Wiring | 4
ETP2402 | Photovoltaic Systems | 4
SPC1013 | Speech | 4

Total Semester Credits 60

GREEN TECHNOLOGY (renewable energy technologies)

Real World Experience
Students have the opportunity to put their skills to work in “real world situations,” while still acquiring their education, through programs such as Tech Troopers.

IT’S ALL ABOUT [Your Dream]

@cbtcollege facebook.com/mycbtcollege

*For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at, www.cbtc.edu/academics/disclosure.
Electrical Technology

Sample Electric Blueprint

Students in the electrical program will learn how to read, analyze and develop electrical circuit blueprints. Here is a sample of a simple house blueprint.

Fun Facts

The first windmill was developed in Persia in about 600 B.C.

The first light bulb was invented by Thomas Edison in 1879.

In 15 mins., the sun radiates as much energy as we use in a year.

Electricity travels at 300,000 km/sec. Which equals to 8 times around the world in 1 sec.

Green Technology

Renewable energy technologies, is a rapidly growing sector of the energy market.

Information Sources

http://www.hydro.mb.ca/learning_zone/world_fascinating_facts.shtml
http://www.blis.gov/oes/current/oes472111.htm

Employment Statistics

= 5,000 employment number

Texas, California, New York & Florida, were the states with the highest employment numbers in 2011.

= 45,470

= 41,790

= 32,700

= 27,940

Projected growth 2010-2020

Compared to other industries, the percent change in employment for Electricians is greater.

<table>
<thead>
<tr>
<th>Occupation</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electricians</td>
<td>23%</td>
</tr>
<tr>
<td>Construction Worker</td>
<td>23%</td>
</tr>
<tr>
<td>Total Occupations</td>
<td>19%</td>
</tr>
</tbody>
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