

CERTIFICATE PROGRAM

For a specific listing of courses required to receive a Certificate in Electrical Technology, please visit www.bishop.edu or call 665.4085.

EMPLOYMENT OPPORTUNITIES

According to the U.S. Bureau of Labor Statistics, employment of electricians is expected to grow faster than the average for all occupations. For graduates of the Electrical Technology program of Bishop State, job openings remain promising with positions such as electrician, electronics troubleshooter, electrical relay technician, and electrical distribution salesperson. Employment demand for graduates of both programs appears to be strong as new manufacturing companies continue to locate to the Mobile area.

ACCREDITATION

Bishop State Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees, certificates and short certificates. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call (404) 679.4500 for questions about the accreditation of Bishop State Community College.

GAINFUL EMPLOYMENT

For information on the employment of Bishop State students in various programs of study, visit www.bishop.edu/gainemployment/html.

NONDISCRIMINATORY STATEMENT

The Alabama State Board of Education through the Alabama Department of Postsecondary Education proclaims nondiscriminatory practices in Alabama two-year institutions under the jurisdiction of the Alabama State Board of Education. It is the official policy of the Alabama Department of Postsecondary Education and Bishop State that no persons shall, on the basis of race, color, disability, sex, religion, creed, national origin, or age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program, activity, or employment.



A Great Place To Start™

STUDENT SERVICES AVAILABLE

| | |
|--|----------------|
| Admissions..... | (251) 665.4085 |
| | (251) 665.4114 |
| Program Instructors..... | (251) 665.4116 |
| | (251) 665.4115 |
| Financial Aid/Veterans Affairs | (251) 405.7015 |
| Services for Students with Disabilities..... | (251) 405.7028 |



SOUTHWEST CAMPUS
925 Dauphin Island Parkway
Mobile, AL 36605-3299

For information, call (251) 665.4085 local
1 (800) 523.7235 (in-state long distance)
or visit www.bishop.edu

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ELECTRICAL TECHNOLOGY

SOUTHWEST CAMPUS



A Great Place To Start™

www.bishop.edu

*A Member of the Alabama Community College System
Established 1927*

ELECTRICAL TECHNOLOGY

The Electrical Technology program is designed to provide the student with an opportunity to acquire the skills, knowledge, and understanding needed to enter the occupation as an entry-level electrician .



The program provides a balance of theory and hands-on experience for the electrical construction and industrial maintenance fields. Included are elements of residential, commercial, and industrial wiring methods, industrial equipment, and maintenance, as well as tool and equipment use, basic electricity/electronics, rotating machines and controls, and the National Electrical Code. The Associate degree program includes two minor options in related programs to give students multi-craft training. General education courses help students learn communication and math skills. The Certificate program prepares students for entry-level technician positions.

PROGRAM COSTS

Bishop State offers high quality instruction at an affordable cost. Tuition and fees are among the lowest in the state of Alabama.

FINANCIAL AID

A number of financial aid opportunities are available: Pell Grant, Veterans Benefits, Federal Supplemental Educational Opportunity Grant (FSEOG), Work Study, scholarships, including senior citizen scholarships. Apply for financial aid online at www.fafsa.gov.

ADMISSION PROCEDURES

Obtain an Admissions Application on the Southwest Campus or log on to www.bishop.edu. Be prepared to furnish an official copy of your high school transcript or a copy of the General Equivalency Diploma (GED) Certificate issued by the appropriate state education agency. You will then take the COMPASS test (required by the Alabama State Department of Education) or provide documented proof of exemption. After all of your enrollment materials have been submitted and you have been accepted for admission, you will be notified by the College via mail. Then, you will meet with an advisor for academic advisement and course selection.

PROGRAM OPTIONS

ASSOCIATE IN OCCUPATIONAL TECHNOLOGIES With Minor in Air Conditioning Technology

| Major Courses | Credit Hours: 43 |
|-----------------------------|------------------|
| ELT104 Distribution Systems | 3 |
| ELT108 DC Fundamentals | 3 |
| ELT109 AC Fundamentals | 3 |
| ELT110 Wiring Methods | 3 |
| ELT116 Residential Wiring | 6 |

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|--|---|
| ELT117 AC/DC Machines | 3 |
| ELT118 Commercial/Industrial Wiring I | 3 |
| ELT132 Commercial/Industrial Wiring II | 3 |
| ELT209 Motor Controls I | 3 |
| ELT212 Motor Controls II | 3 |
| ELT245 Electrical Grounding System | 3 |
| IST267 Programmable Controllers | 5 |
| ELT – Technical Elective | 2 |

Air Conditioning/Refrigeration* Credit Hours: 12

| | |
|---------------------------------------|---|
| ACR111 Refrigeration Principles | 3 |
| ACR112 HVACR Service Procedures | 3 |
| ACR113 Refrigeration Piping Practices | 3 |
| ACR122 HVACR Electrical Circuits | 3 |

***Other courses may be approved**

General Education Courses Credit Hours: 21

Visit www.bishop.edu for listing of courses.

Total Credit Hours: 76

ASSOCIATE IN OCCUPATIONAL TECHNOLOGIES With Minor in Instrumentation

Major Courses Credit Hours: 34

| | |
|--|---|
| ELT104 Distribution Systems | 3 |
| ELT108 DC Fundamentals | 3 |
| ELT109 AC Fundamentals | 3 |
| ELT110 Wiring Methods | 3 |
| ELT117 AC/DC Machines | 3 |
| ELT118 Commercial/Industrial Writing I | 3 |
| ELT 122 Advanced AC/DC Machines | 3 |
| ELT209 Motor Controls I | 3 |
| ELT212 Motor Controls II | 3 |
| ELT 230 Programmable Controllers | 6 |
| ELT – Technical Elective | 1 |

Instrumentation Courses Credit Hours: 19

| | |
|--|---|
| IST105 Introduction to Process Technology | 3 |
| IST137 Industrial Process Equipment | 3 |
| IST167 Industrial Measurements | 5 |
| IST207 Principles of Automatic Control | 5 |
| INT113 Fundamentals of Industrial Hydraulics | 3 |

General Education Courses Credit Hours: 21

Visit www.bishop.edu for listing of courses.

Total Credit Hours: 74