



Applied
Technologies

ELECTRICAL SYSTEMS TECHNOLOGY

ABOUT THE PROGRAM

This area of study prepares students to install and maintain electrical systems found in residential, commercial, and industrial settings using the latest technology. The program combines hands on training with classroom instruction that will provide the knowledge and skills students need to succeed in the growing electrical field. Students will also have an opportunity to install electrical systems in the Chatham Cottage, a 500+ square foot home that the college constructs and auctions each year. A.A.S. graduates may receive 2,000 hours of credit toward the NC Board of Examiners of Electrical Contractors required four years (4,000 hours) of experience to take the electrical contractor's exam.



CCCC Career Community

Students interested in Applied Technologies tend to be action-oriented problem solvers who like to work with their hands making, building, and repairing all kinds of things. Graduates often find employment in advanced manufacturing, construction, the automotive industry, or the trades.

R X I A S E C X



Possible Employment In Industry

Electrician
Electrical Installer
Maintenance Electrician



Top Employers In Region

Swatt Electric
M.R. Stoner Electric
Many Small Electrical Contractors



Occupational Statistics

Median Salary:

\$56,180



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Degrees

Associate in Applied Science in Electrical Systems Technology (A35130; Pittsboro Main Campus; Day) - 5 semesters (summer included)



Diplomas

Diploma in Electrical Systems Technology (D35130; Pittsboro Main Campus; Day) 3 Semesters (Summer Included)



Certificates

Certificate in Electrical Systems Technology (C35130; Pittsboro Main Campus; Day) 2 Semesters



Transfer Options

None



Additional Program Costs

Tools provided at no additional cost.



State Licensure/Exams/ Industry Certifications

A.A.S. graduates may receive 2,000 hours of credit towards the NCBECC, required four years (4,000 hours) of experience to take the electrical contractor's exam.



Additional Admissions Process



Skills In Demand For Program And Industry

Problem-solving skills
Attention to detail
Effective written and spoken communication skills
Manual Dexterity
Basic Math Skills



Work-Based Learning Information

160 hours with a local employer



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