



Applied
Technologies

SUSTAINABILITY TECHNOLOGIES

ABOUT THE PROGRAM

Sustainability Technologies at Central Carolina Community College opens the door to a variety of careers in the growing green economy. The program builds on the college's long experience in training workers and entrepreneurs for fields that are both Earth and consumer-friendly, and it focuses on sustainability issues, renewable energy and high-performance construction. Core classes cover the major policy and development issues in sustainability metrics and practices. Renewable energy courses include education on solar energy, wind power, hydroelectric, biofuels, and other sources of inexhaustible energy sources. Students also receive hands-on training and construct a small house annually.



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 X A S E C



Possible Employment In Industry

Sustainability Consultant
Renewable Energy Technician
Home Energy Rater
Green Building Supervisor



Top Employers In Region

Yes! Solar Solutions
Southern Energy Management
Tyndall Engineering
Cypress Creek Renewables



Occupational Statistics

Median Salary:
\$44,730



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Degrees

Associate in Applied Science in Sustainability Technologies (A40370; CMC; Day) - 5 semesters (summer included)



Diplomas

None



Certificates

Sustainability (C40370S); Biofuels (C40370B); Green Building (C40370GB); Renewable Energy (C40370RE) (CMC; Day) - varies



State Licensure/Exams/ Industry Certifications

North American Board of Certified Energy Practitioners (NABCEP) Associate Level Certificate



Additional Admissions Process

None



Skills In Demand For Program And Industry

Problem-solving skills
Attention to detail
Mechanical skills



Transfer Options

Yes - University of North Carolina System (contact the program lead through the QR code below to discuss transfer options further).



Work-Based Learning Information

Students receive hands-on training and construct a small house annually.



Additional Program Costs

None



To find all program planning guides, contact information, and more, scan the QR code or visit www.cccc.edu/programs