



# GO GREEN

SUSTAINABILITY TECHNOLOGIES CERTIFICATES AT CENTRAL PIEDMONT COMMUNITY COLLEGE

CPCC's Sustainability Technologies curriculum certificates prepare individuals for employment in environmental consulting, construction management, alternative energy, manufacturing and related industries. Course work includes safety, estimating, productivity, problem solving, landscape analysis, alternative energy resource management and environmental considerations.

**To learn more about CPCC's Sustainability Technologies certificates,  
please visit [www.cpcc.edu/cfs](http://www.cpcc.edu/cfs).**



**Get There.**

CENTRAL PIEDMONT COMMUNITY COLLEGE

# Sustainability Technologies Certificates

Course Number	Course Title	Course Load/Credit Hours		
		Lecture	Lab	Credit
<b>Energy and the Environment (C40370)</b>				
SST 110	Introduction to Sustainability	3	0	3
SST 120	Energy Use Analysis	3	0	3
ENV 110	Environmental Science	3	0	3
ENV 110A	Environmental Science Lab	3	0	3
ENV 226	Environmental Law	3	0	3
ALT 120	Renewable Energy Technology	3	0	3
TOTAL CREDIT HOURS				18
<b>Specialization in Renewable Energy (C40370-C1)</b>				
SST 110	Introduction to Sustainability	3	0	3
SST 130	Modeling Renewable Energy Systems	3	0	3
ALT 120	Renewable Energy Technology	3	0	3
ALT 220	Photovoltaic Systems Technology and Design	3	0	3
SST 120	Energy Use Analysis	3	0	3
TOTAL CREDIT HOURS				15
<b>Specialization in Environmental Engineering (C40370-C2)</b>				
SST 110	Introduction to Sustainability	3	0	3
CIV 110	Statics/Strengths of Materials	3	0	3
CIV 111	Soils and Foundations	3	0	3
CIV 211	Hydraulics and Hydrology	3	0	3
CIV 212	Environmental Planning	3	0	3
TOTAL CREDIT HOURS				15
<b>Specialization in Sustainable Manufacturing (C40370-C3)</b>				
SST 110	Introduction to Sustainability	3	0	3
ISC 120	Industrial Ecology	3	0	3
ISC 220	Lean Manufacturing Systems	3	0	3
MEC 155	Environmentally Benign Manufacturing	3	0	3
MEC 161	Manufacturing Processes I	3	0	3
TOTAL CREDIT HOURS				15
<b>Specialization in Geospatial Technology (C40370-C4)</b>				
SST 110	Introduction to Sustainability	3	0	3
GIS 111	Introduction to Geographic Information Systems	3	0	3
GIS 225	Advanced Methods in GIS	3	0	3
GIS 240	Air Photo Interpretation	3	0	3
GIS 249	Remote Sensing	3	0	3
TOTAL CREDIT HOURS				15



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