

Degree Offered

Associate in Applied Science
Sustainable Energy Technology

Curriculum Code: 499**Program Information**

This program is designed to prepare students to move directly into the workforce upon graduation. The students will be qualified for entry-level positions in sustainable energy fields such as wind, photovoltaic solar, biodiesel and gasification. The courses are designed to provide students with a solid foundation in basic scientific principles as well as mathematics. Students will be exposed to the theory, materials and equipment necessary to work in the field.

When You Graduate

Although not designed to be a transfer program, many of the general education courses should be accepted into a baccalaureate program in a related field.

Salem Community College
460 Hollywood Avenue
Carneys Point, NJ 08069

Sustainable Energy Technology

**A collaborative A.A.S. degree in conjunction with
Salem Community College**

**Cumberland County College
Program Requirements (32 credits)**

Credits

These credits will be completed at Cumberland County College.

<input type="checkbox"/>	CH 101	General Chemistry I *	4
<input type="checkbox"/>	EN 101	English Composition I *	3
<input type="checkbox"/>	MA 110	College Algebra *	3
<input type="checkbox"/>	PI 123	Fundamentals of Physics I *	4
<input type="checkbox"/>	CCCNew	Energy, the Environment & Society	3
<input type="checkbox"/>	CH 102	General Chemistry II *	4
<input type="checkbox"/>	IT 107	Electrical Maintenance	4
<input type="checkbox"/>	PI 124	Fundamentals of Physics II *	4
<input type="checkbox"/>	IT 102	CAD I	3

**Salem Community College
Program Requirements (33 credits)**

These credits will be completed at Salem Community College.

<input type="checkbox"/>	BIO 101	General Biology I *	4
<input type="checkbox"/>	GEO 101	World Regional Geography	3
<input type="checkbox"/>	MAT 201	Statistics *	3
<input type="checkbox"/>	SET 220	Photovoltaic Solar Technology	5
<input type="checkbox"/>	ENG 122	Business & Professional Writing	3
<input type="checkbox"/>	SET 230	Biodiesel Energy Technology	5
<input type="checkbox"/>	SET 240	Gasification	5
<input type="checkbox"/>	SET 210	Wind Energy Technology	5

Total Credits **65**

*** General Education Courses**

Upon completion of this program, students should be able to:

- Communicate effectively in a professional manner.
- Demonstrate an understanding of scientific inquiry and application.
- Demonstrate proficiency in the technical aspect of sustainable energy particularly:
 - Photovoltaic solar technology
 - Wind technology
 - Biodiesel production
 - Gasification
- Gain employment in the sustainable energy field.