

JOB-FOCUSED EDUCATION

Accredited | Affordable | Two-Week Terms

RENEWABLE ENERGY

Renewable energy helps in the fight against climate change by aiding in the conservation of natural resources. The use of non-renewable resources, such as fossil fuels, hurts the environment. The world is facing unprecedented energy problems and the solution is to develop alternate energy resources. Renewable energy has rapidly become a major area of focus globally as the world seeks cleaner sources of energy. Renewable energy systems need to be maintained and designed.

HOW YOU WILL LEARN

We have identified the best features of in-person and virtual learning, brought them together, and created an innovative and flexible education designed for the modern learner. All courses run on a two-week term calendar where learners take one course at a time. Each class meets in person regularly with day, weekend, and evening options available. In addition, courses leverage HyFlex instruction to enhance classroom learning. Using this flexible approach, learners leverage tools such as discussion boards, academic support resources, videos, and project-based assignments to demonstrate their understanding of the content. Our facility in New Gloucester, Maine, is equipped with state-of-the-art classrooms deploying cutting-edge technology, laboratories, conference rooms, co-working/study spaces, and more to support and enhance teaching and learning.

ASSOCIATE DEGREE



TECHNICAL INSTITUTE FOR
ENVIRONMENTAL PROFESSIONS

COSTS

- + \$250 per credit
- + Financial aid options are available, which can reduce out-of-pocket costs significantly.
- + There are no additional textbook costs for most of our courses!

JOB OUTCOMES, & GROWTH*

Wind Turbine Technician

 +15%

Renewable Energy Analyst

 +7%

*Projected 10-year growth
Source: O*Net



TECHNICAL INSTITUTE FOR
ENVIRONMENTAL PROFESSIONS

UNOFFICIAL CHECKSHEET A.A.S. IN RENEWABLE ENERGY

Student Name _____

Total Transfer Credits _____ Checksheet Date _____

GRADUATES WILL BE ABLE TO:

- + Discuss the environmental challenges that necessitate the use of renewable energy systems.
- + Demonstrate an understanding of creating and maintaining safe working environments in the renewable energy field.
- + Explain the function and design of sustainable energy systems such as solar, wind, hydroelectric, and geothermal technologies.
- + Discuss sustainable alternatives (including smart grid) to unhealthy environmental practices and the benefits of these alternatives to business and society.
- + Discuss the role of technology in the field of renewable energy.

General Education Core

- ☐ **COM 100** Career Pathways
- ☐ **COM 101** Digital Fluency and Information Literacy
- ☐ **COM 102** 21st Century Communication Skills
- ☐ **COM 105** Write Right!
- ☐ **COM 201** Research Applications
- ☐ **COM 205** Focus on Sustainability
- ☐ **MAT 101** Foundational Algebra
- ☐ **ENS 101** Our Blue Planet
- ☐ **ENS 201** World Cultures
- ☐ **GIS 101** Introduction to Geographical Information Systems for Environmental Professionals

Program Core

- ☐ **ENS 110** Introduction to Environmental Studies
- ☐ **ITS 103** Practical Applications of IoT
- ☐ **ITS 201** Introduction to Robotics
- ☐ **PRO 201** Professional Ethics
- ☐ **PRO 290** Professional Capstone
- ☐ **REN 101** Renewable Energy I
- ☐ **REN 103** Renewable Energy II
- ☐ **REN 201** Business Applications for Renewable Energy
- ☐ **REN 207** Renewable Energy & Safety

Electives

22 credits of unrestricted electives

Graduation Requirements

A minimum of 60 earned credit hours, a minimum of 15 credits earned at the Technical Institute, and an overall cumulative GPA of 2.0 or above.



TECHNICAL INSTITUTE FOR
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SECOND DEGREE

UNOFFICIAL CHECKSHEET A.A.S. IN RENEWABLE ENERGY

Student Name

Total Transfer Credits Checksheet Date

GRADUATES WILL BE ABLE TO:

- + Discuss the environmental challenges that necessitate the use of renewable energy systems.
- + Demonstrate an understanding of creating and maintaining safe working environments in the renewable energy field.
- + Explain the function and design of sustainable energy systems such as solar, wind, hydroelectric, and geothermal technologies.
- + Discuss sustainable alternatives (including smart grid) to unhealthy environmental practices and the benefits of these alternatives to business and society.
- + Discuss the role of technology in the field of renewable energy.

General Education Core

20 Credits met by transfer block

Program Core

- ☐ **ENS 110** Introduction to Environmental Studies
- ☐ **ITS 103** Practical Applications of IoT
- ☐ **ITS 201** Introduction to Robotics
- ☐ **PRO 201** Professional Ethics
- ☐ **PRO 290** Professional Capstone
- ☐ **REN 101** Renewable Energy I
- ☐ **REN 103** Renewable Energy II
- ☐ **REN 201** Business Applications for Renewable Energy
- ☐ **REN 207** Renewable Energy & Safety

Electives

22 Credits met by transfer block

42 total credits in transfer credit block

Graduation Requirements

A minimum of 60 earned credit hours, a minimum of 15 credits earned at the Technical Institute, and an overall cumulative GPA of 2.0 or above.