

SUNY Morrisville Collaboration

SUNY Morrisville is home to the Agricultural and Clean Energy Technology (ACET) Center. This \$16 million facility features 30,000 square feet dedicated to renewable energy, diesel technology, and agricultural engineering programs. In terms of renewable energy education, students gain hands-on experience in various energy sources through biofuels, biomass processing, hydro, solar, wind, and thermal energy labs [1].

SUNY Morrisville's renewable energy program is a natural fit with NORA's education certification program focusing on liquid fuel combustion and technologies, and in partnership with SUNY Morrisville, the NORA curriculum leading to a Bronze certificate will be offered to students in the renewable energy program beginning in the 2024/25 academic year. These courses will provide students with the opportunity to earn a certification, which is recognized across the industry for its focus on energy efficiency and liquid renewable energy technologies. This addition to the SUNY Morrisville curriculum will give students a competitive edge in the rapidly growing renewable energy sector.

Moreover, the collaboration extends to an innovative research project aimed at optimizing the performance of renewable liquid fuel storage in cold climates. The project will involve the installation of a well-insulated and heated tank enclosure at the SUNY Morrisville campus, where the performance of the system will be monitored under various weather conditions. The data collected will be invaluable in developing more effective technologies that can withstand the challenges of harsh winter climates, contributing to the broader adoption of renewable liquid fuels in regions with similar conditions.

SUNY Morrisville is part of the State University of New York system. It offers undergraduate and graduate programs and is accredited by the Middle States Commission on Higher Education. It is located in scenic Central New York, 30 miles from Syracuse and Utica and about 4 hours north of NYC. While SUNY Morrisville was initially established as an agricultural and technical school, it has transitioned into a technologically advanced college with a rich diversity of both bachelor's and associate degree programs. Notably, SUNY Morrisville offers Bachelor of Technology (B.Tech.) and Associate of Applied Science (A.A.S.) degrees in renewable energy. These degrees encompass all forms of renewables, including biofuels. Given this academic focus, it is clear why SUNY Morrisville is an ideal partner for NORA, which has a long-standing commitment to advancing zero carbon heating.

References:

1. SUNY Morrisville Agricultural and Clean Energy Technology (ACET) Center Available online: <https://www.morrisville.edu/facility/agricultural-and-clean-energy-technology-acet-center>.