



WHAT EXACTLY IS THIS?

Did you enjoy projects from your middle school technology class? Did you find middle school technology exciting and fun? Maybe your favorite class was robotics? Did you take an electronics course or a construction class and enjoy it so much, you thought "I'd like to teach this one day.". Or, maybe you had a teacher that inspired you to teach when you were old enough. Maybe you enjoyed that STEM program in your school. If you love math and/or science, then a degree in Technology and Engineering Education may be for you!

There is a wide range of jobs available as a Technology and Engineering teacher. School districts across New York State and beyond, are looking for highly qualified teachers to fill these positions.

This pamphlet
is brought to you
by the
New York State
Technology & Engineering
Educators' Association



Putting the "T and E" in STEM.



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EXPERIENCE A CAREER IN

TECHNOLOGY & ENGINEERING EDUCATION

Technology and Engineering Education Facts:

- Teaching jobs exceed graduates coming from teacher training program. Schools across New York and the United States are seeking technology teachers in record numbers.
- It is not uncommon for jobs to start at \$40,000 or even \$50,000. Many of these jobs have fantastic benefits packages as well!
- Schools in and out-of-state seek graduates from SUNY Oswego and Buffalo State College to come and teach for them due to the high-quality education you receive at these schools
- Math and science can be applied in various different ways in the Technology and Engineering Education field through real -life problems and hands-on activities

Subjects you can teach once you graduate include:

Nanotechnology
Robotics
3D Modeling
CNC machining
Computer Aided Design (CAD)
Problem Solving
Aerospace
Electronics
Architecture
Alternative Energy Design
Biotechnology
Materials Processing
Mechanical Drawing
Digital Video and T.V. Production
Construction
Intro to Tech (Middle School)
Engineering by Design
Project Lead The Way
And much, much more!



Located on the shores of Lake Ontario, lies SUNY Oswego. A college of nearly 8000 students, Oswego is large enough to offer an array of options for the student, yet small enough to feel like home. Oswego is home to one of the largest Technology Education programs in the country. You will have the opportunity to get into plenty of activities inside and outside of the classroom such as: technology competitions, community service projects, robotics competitions, and more.



BUFFALO STATE
The State University of New York

Buffalo State educates more than 10,500 undergraduate and graduate students. Located in the heart of the city of Buffalo, the college is known for its strong community connections and a continuing commitment to providing high-quality lifelong learning opportunities. When you study Technology Education at "Buff State", the latest in laboratory tools and techniques are at your fingertips. Since being established in 1871, Buffalo State has gained a great reputation for a quality education.

Visit <http://engineeringtechnology.buffalostate.edu/technology-education> for more information