



# Chemical Technology

## FACULTY SPOTLIGHT



**Dr. Kyle Williams**

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information

**D**r. Kyle Williams' research focused on the interaction of DNA photolyase (a DNA repair enzyme) with UV-damaged DNA using Raman spectroscopy. At the University of Michigan, Dr. Williams investigated spectroscopic signatures of energy and charge transfer in organic materials using ab initio computational methods.

Dr. Williams helped develop an innovative pedagogical approach called Compute-to-Learn. In this approach, students work collaboratively in a studio environment to create interactive software demonstrations that illustrate and explain scientific concepts.



# CHEMICAL TECHNOLOGY

ASSOCIATE IN APPLIED SCIENCE (A.A.S.)



**Candice Chen '24**

participated in Corning Inc.'s Technician Pipeline Program. She graduated from SUNY CCC in 2024 with an A.A.S. in Chemical Technology.

Candice is now employed as a Material Process Technician at Corning Inc..

**CHEM TECH IS A GREAT SOLUTION**

**T**he Chemical Technology A.A.S. program is designed for graduates to enter the workforce as a chemical technician or lab technician or process technician. Chemical technicians work in research, process improvement, product development, measurement documentation, environmental testing, and quality control. Graduates are prepared for technical level positions in industries that are targeting innovation in material sciences, food, wine, agriculture, chemical, and pharmaceutical fields.

The Chemical Technology program is flexible, as the fundamentals and practical applications prepare students not only for immediate employment, but also to continue work toward an advanced degree.

Students will have the opportunity to participate in a work internship providing the opportunity for on-the-job experience and enhanced skills that will be valuable to employers.

**Sample Courses**

- Chemistry
- Mathematics
- Organic Chemistry
- Analytical Chemistry
- Elementary Statistics
- Chemical Instrumentation

**Common Transfers**

- SUNY Binghamton
- Alfred University
- Rochester Inst. of Technology
- University of Rochester
- Cornell University
- Penn State University
- Syracuse University

**\$50K-\$60K**

**Program graduates typically earn in the range of**

**\$50,000 to \$60,000**

**Potential employers of our program graduates**



**SUNY CORNING COMMUNITY COLLEGE**

Empowering Our Students | Elevating Our Community