

PFEIFFER TECHNOLOGY & INNOVATION LAB

The Pfeiffer Technology and Innovation Lab was designed to foster and support collaborations between education and the advanced technology and manufacturing industry. It is located on the College's main campus in Stone Ridge in Hardenbergh Hall.

The Pfeiffer Technology and Innovation Lab houses training and testing equipment used by SUNY Ulster students in STEM disciplines including engineering, advanced manufacturing, AutoCAD, 3D printing, and web development.

In addition to providing hands-on learning for STEM students, the lab is designed to serve as a resource to the manufacturing industry, providing valuable real-world interaction for students while supporting the competitive advantage of local manufacturing and technology companies. In keeping with this mission, courses that advance students in these technologies are offered for both the credit and the non-credit student.

SUNY Ulster was recently able to add two 3D scanners and a laser cutter to the lab. This new equipment will allow students from the Fashion Design, Engineering, Advanced Manufacturing, Visual Arts and Entrepreneurship programs to work collaboratively on projects.



ADVANCED MANUFACTURING PRE-APPRENTICESHIP

Pre-apprenticeship programs can play a valuable role in preparing qualified entry-level workers for Registered Apprenticeship careers while contributing to the development of a diverse and skilled workforce. Students completing these courses may qualify for credit towards an apprenticeship program. Ask how you can start this program to prepare for an apprenticeship position in one of the many local manufacturing companies here in Ulster County. For more information contact Barbara Reer at reerb@sunyulster.edu or 845-802-7171.



SUNY Apprenticeship Program

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Department of Labor

Transforming New York's World of Work

Support provided by the 2016/17 SUNY Performance Improvement Fund.

INTRODUCTION TO MATHEMATICS FOR TECHNICAL CAREERS

An introductory course in mathematics designed to acquaint students with the concepts, terms, and formulas required by technical careers in manufacturing and green technology. The application of fractions, decimals, unit conversion including metric, and using algebraic formulas will be the initial focus, using industry-specific examples to develop students' mechanical problem solving skills. An introduction to geometry and trigonometry necessary for design, layout, and assembly will be studied.

DCB 2064 M/W 2/3-2/19 6-9pm KSU \$199
No class 2/17

INTRODUCTION TO BLUEPRINT READING FOR MANUFACTURING

This introductory course to blueprint reading strengthens skills for machine operators, purchasing personnel, supervisors, and inspectors to interpret the symbols and measurements that appear on engineering drawings. Hands-on exercises, sketching, and group projects will be included in lessons. The major topics of the course will be: line types, symbols, basic multi-views, dimensions, tolerances, an introduction to auxiliary views, assembly drawings, threads and fasteners.

DCB 2320 M/W 4/6-20 6-9pm KSU \$199

M - MONDAY • T - TUESDAY • W - WEDNESDAY • R - THURSDAY • F - FRIDAY • S - SATURDAY • U - SUNDAY