

Suffolk County Community College



Photo from Suffolk County Community College

Advanced manufacturing

Suffolk County Community College's Advanced Manufacturing Training Center teaches students the required skills to enter the region's high-skilled manufacturing workforce.

Students in Suffolk's programs learn an array of technologies including computerized machinery, computer software, three-dimensional printing and the ability to design and develop products.

A core course, Advanced Machining Processes, encourages students to experiment to learn the content of the class. The final project is a Chess Set Project.

Each student designs a chess set by utilizing a CAD/CAM design software pack-

age. After completion of the designs the students use computer programs that enable them to manufacture those pieces on the computer numeric control machines.

"Suffolk County Community College is committed to the advanced manufacturing sector," Shaun L. McKay, college president said. "The jobs are there and we are training people to fill them."

Manufacturers across the U.S. are finding it more and more difficult to attract and retain workers with the right skills to fill available jobs and keep up to speed on factory floors.

None of the students knew how to design, program or manufacture any of the metal parts before joining Suffolk's program.