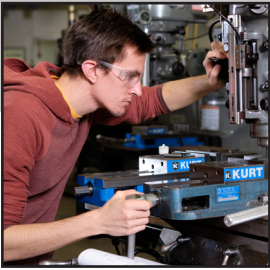


CHOOSE YOU!

STEM



Do you enjoy designing and building things, both large and small, that you use or need in your everyday life? Anything that is built, regardless of size, requires a machinist to be involved in the process. As quickly as the world changes, so do the things that people buy and build every day.

SCC's Precision Machining and Automation Technology program is constantly changing to keep up with the needs of the world's manufacturers so our students can be provided with an excellent career opportunity.

Communities both large and small have places of business that need precision machinists throughout the Midwest and across the country.



SCC is the Right Choice

- You'll learn a combination of foundational elements and cutting-edge technology, which we believe produces the most balanced and knowledgeable graduates around.
- You will gain knowledge and experience in tooling and materials selection, blueprint reading, measurement, and project layout.
- You will create and build molds, dies, and custom CNC components.
- In addition to machine-specific training, you'll receive essential workplace skills, including communication, leadership, writing, and teamwork abilities.

More about the program

- Tool Maker and CNC & Automation focus areas are available.
- Many students hold part-time jobs with manufacturing facilities. Some are sponsored by companies that assist with the cost of education.
- Hundreds of job opportunities are available for graduates.

Credit hours required for graduation:

Precision Machining and Automation Technology
»Diploma.....29.5

Precision Machining and Automation Technology - CNC & Automation Focus
»Associate of Applied Science64.5

Precision Machining and Automation Technology - Tool Maker Focus
»Associate of Applied Science64.5



Scan this code to access the course listing

For more information contact:

Kirby Taylor, Program Director
402-761-8369, 800-933-7223 ext. 8369
ktaylor@southeast.edu

or the Admissions Office at
402-437-2600
admissions@southeast.edu

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This publication should not be considered a contract between SCC and any prospective student. SCC's Board of Governors reserves the right to make changes in this publication during the life of the publication and without notice.

A0752 - PMAT (08/21)

» Career Options

- Tool, Die and Mold Maker
- Precision Machinist
- Machine Builder
- CNC Programmer
- Tooling & Equipment Designer

Recent Graduates

report a yearly average starting salary of

\$42,952



2021-2022 estimated expenses to graduate with an award of 64.5 credit hours.

Resident	
Tuition/Fee Rate Per Credit Hour	\$114
Resident Tuition/Fees	\$7,353
Books	\$604
Supplies	\$50
Tools	\$2,580
Total:	\$10,587
Non-Resident	
Tuition/Fee Rate Per Credit Hour	\$135
Non-Resident Tuition/Fees	\$8,707.50

Precision Machining & Automation Technology - Required Basic Tool List

TOOLS REQUIRED BY WEEK THREE OF FIRST TERM:

- Safety Glasses, (2 pr)
- Steel Rule, 6" Flexible
- Dial Calipers, 6"
- Micrometer, 0-1"
- Micrometer, 1-2"
- Travel Indicator, 1"
- Indicator Base, Magnetic
- Indicator Base Kit, Compact
- Precision Square, 6"
- Gage, Drill Point
- Gage, Center
- Gage, 60° Thread Pitch
- Gage Set, 1/32-1/4 Radius
- Gage Set, 17/32-1/2 Radius
- Scriber
- Edge Finder
- Screwdriver Set, 2-pc
- Wrench, Adjustable
- Hammer, Brass
- Hammer, Dead Blow
- File, Second Cut, Mill
- File Handle
- File Card
- Chip Brush
- Tap Handle, 9"
- Tap Handle, 6"
- Chuck Key, K3 size
- Pliers, Slip Joint
- Hex Key Set, Standard
- Hex Key Set, Metric
- Center Punch
- Prick Punch
- Countersink Set
- Deburring Tool
- Deburring Tool Replacement Blades
- India Stone
- Tape Measure, 1/2"
- Parallel Set
- Test Indicator, .0005"
- Holder, Test Indicator
- Drill Set, 115 pc
- Layout Fluid
- Diamond Dresser Insert

Approx Total: \$1,830

TOOLS REQUIRED BEFORE BEGINNING SECOND TERM:

- Depth Micrometer
- Arkansas Stone
- Test Indicator, .0001"
- Gage Set, Telescoping
- Gage Set, Small Hole
- Hammer, Ball Peen
- Pin Punch Set

Approx. Total: \$750

The program can provide rolling tool cabinets for student use, however students are encouraged to purchase their own.

***** Space in the lab is limited.** Tool cabinets in excess of **30"W x 24"D** are not permitted for student use, and will be turned away. *******

SCC instructors can provide you with tool vendors so you can receive special SCC student discount pricing.