SCC’s program prepares students for an exciting, fast-paced career in manufacturing. Students can specialize in Tool Making, Mold Making, CNC Machining, and Manufacturing Automation. The Eicher Technical Center in Milford has one of the largest precision machining training facilities in the country.

Types of jobs available:
- Tool Maker
- Die Maker
- Mold Maker
- Precision Machinist
- Machine Builder
- CNC Programmer
- CNC Operator
- Machine Builder

Graduate Earnings
Recent graduates report an average starting wage of $19.35 per hour.

For more information contact:
Kirby Taylor, Program Chair
402-761-8369, 800-933-7223 ext. 8369
ktaylor@southeast.edu

or the College Admissions Office
Milford 402-761-8243, 800-933-7223 ext. 8243

“I chose the Precision Machining & Automation Technology program because I knew the job opportunities would be amazing. I have had a job lined up since my third quarter in the program. The company I work for while attending school knows that SCC is a really great school and that the skills I learn at SCC will be a great benefit to their machine shop. The new machining area at SCC is really nice and gives students more opportunities to learn CNCs with hands-on experience.”

- Eric Adams, Lincoln, Neb.
General Education Requirements:
Contact your program advisor to select general education courses from each category, which will meet your program's graduation requirements. See the General Education pages online for a complete list.
(One class from each area below).
Oral Communications
  SPCH1110 Public Speaking (Recommended) 4.5
Written Communications
  ENGL1010 Composition I (Recommended) 4.5
Critical Thinking & Problem Solving
  MATH1050 Thinking Mathematically (Recommended) 4.5
Analytical, Quantitative, and Scientific Reasoning
  ECON1200 Personal Finance (Recommended) 4.5
Career and Life Skills
BSAD10110 Microsoft Applications I (Recommended) 4.5

Estimated Expenses
Nebraska Resident tuition/fee rate is $69.50 per credit hour. Out-of-state tuition/fee rate is $83.50 per credit hour. Graduation fee is $25.
Housing is available at Beatrice and Milford campuses only. Tuition, books and fees are dependent upon classes taken each quarter.
Students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

FIRST QUARTER EXPENSES
Tuition And Fees  $1,564
Books 620
Tools 200
Total $2,384

SECOND QUARTER EXPENSES
Tuition And Fees $1,355
Books 180
Tools 2,000
Total $3,535

THIRD QUARTER EXPENSES
Tuition And Fees $1,355
Books 95
Total $1,450

FOURTH QUARTER EXPENSES
Tuition And Fees $1,460
Books 130
Tools 200
Total $1,590

FIFTH QUARTER EXPENSES
Tuition And Fees $1,286
Books 225
Total $1,511

SIXTH QUARTER EXPENSES
Tuition And Fees $973
Books 175
Total $1,148

Total Estimate For Program $11,618

Basic Tools for Program
Diploma:
To complete the Diploma, a total of nine (9.0) general education requirements must be fulfilled. This includes one math course plus one other general education course from Oral or Written Communications.

MACH A.A.S. Degree Requirements:
Tool Maker Focus:
Course # Course title Credit hrs
MACH2530 Die Design 2.0
MACH2532 Die Making Lab 7.0
MACH2535 Mold Theory 5.0
MACH2537 Injection Mold Design 2.0
MACH2538 Mold Making Lab 7.0
MACH2547 Die Theory 5.0
28.0 hours

CNC & Automation Focus:
Course # Course title Credit hrs
MACH2510 Automation Fundamentals 5.0
MACH2520 Automated Equipment Design 2.0
MACH2536 Automated Equipment Design Lab 7.0
MACH2641 Advanced CNC Fundamentals 5.0
MACH2651 CNC Design and Programming 2.0
MACH2660 Advanced CNC Lab 7.0
28.0 hours