

THE ECONOMIC VALUE OF SANDHILLS COMMUNITY COLLEGE'S

Automotive Technologies Program



The Automotive Technologies program¹ was established in 1989. In FY 2019-20, SCC enrolled 59 students in the program. Of these students, 15 graduated with a certificate in FY 2019-20.



THE SANDHILLS' SERVICE AREA, NC

CAREER OUTLOOK

The Automotive Technologies program can lead students into a number of occupations, which may include mechanical engineering technologists & technicians; calibration technologists & technicians & engineering technologists & technicians, except drafters, all other; and automotive body & related repairers. Many of the Automotive Technologies program students will enter the Sandhills' Service Area² workforce.

Using the regional number of annual job openings for these occupations (14) and subtracting the FY 2019-20 SCC completers that may fill these openings (15), we arrive at a surplus of one student completers.³ There are three unique job postings at the associate degree or below for these occupations in the Sandhills' Service Area. The top three posting companies are CRST International Inc.; Carolina Car Care; and Smith Automotive Group.

ALUMNI IMPACT

Former students of SCC's Automotive Technologies program added \$718.8 thousand in income to the Sandhills' Service Area economy in FY 2019-20. This figure represents the increased wages collected by former students active today in the regional workforce as a direct result of their education, the increased output of businesses that employ these students, and the multiplier effects that occur.

PROGRAM TO OCCUPATION MAPPING METRICS IN THE SANDHILLS' SERVICE AREA

Number of occupations	4
Jobs (2020)	376
Projected avg. job growth (2020-2029)	+1.3%
Annual openings (2020)	14
Median annual wage (2020)*	\$35,478

* The median annual wage reflects all award levels.

ALUMNI LIFETIME EARNINGS INCREASE AND IMPACT

Lifetime earnings increase per completer

\$250.9 thousand

Total alumni impact in FY 2019-20

\$718.8 thousand



¹ The Automotive Technologies program is defined by the following Classification of Instructional Programs (CIP) code: Automotive Engineering Technology/Technician (15.0803).

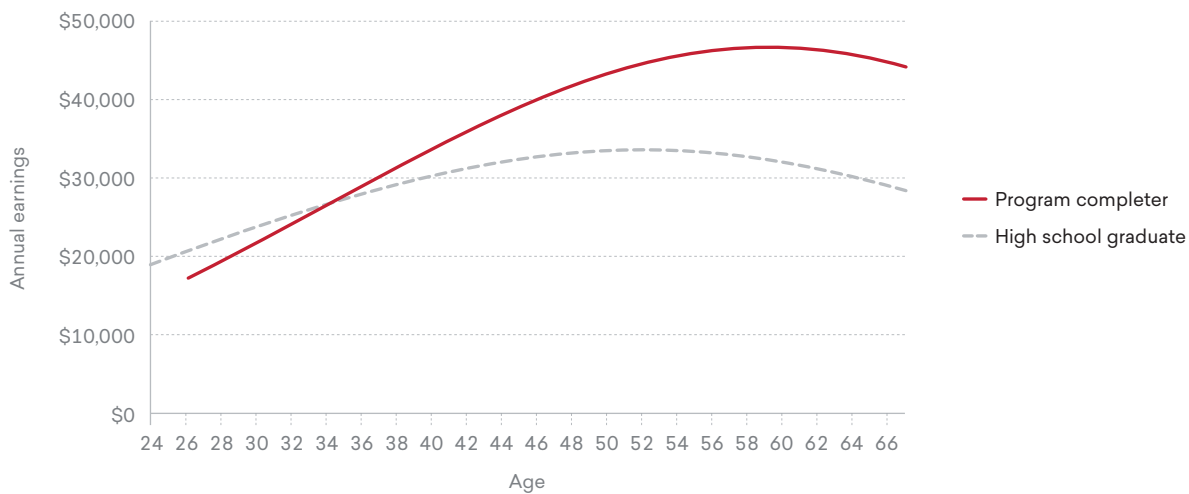
² For the purposes of this analysis, the Sandhills' Service Area is defined as Moore and Hoke Counties.

³ For the purposes of this analysis, only SCC completers were considered when comparing to annual openings.

STUDENT RETURN ON INVESTMENT

To earn a certificate in the program, students experience costs in the form of tuition and fees, books and supplies, and the opportunity cost of attending school instead of working. In return for this investment, students can earn higher wages. For every dollar students invest in their education in the program, they will receive \$4.50 back over the course of their working lives. This investment can also be seen in terms of a rate of return of 15.9%. This is an impressive return, especially when compared to the U.S. stock market 30-year average return of 10.6%.

LIFETIME EARNINGS OF A PROGRAM COMPLETER
COMPARED TO A HIGH SCHOOL GRADUATE



TAXPAYER BENEFITS

Taxpayers will receive an estimated present value of \$663.4 thousand in added tax revenue stemming from the students' higher lifetime earnings and the increased output of businesses. Savings to the public sector add another estimated \$59.5 thousand in benefits due to a reduced demand for government-funded social services in North Carolina. Throughout the students' working lives, North Carolina taxpayers will receive a total of \$722.9 thousand in benefits.

Throughout the students' working lives, **North Carolina taxpayers** gain in added tax revenue and public sector savings
\$722.9 thousand

