

### THE ECONOMIC VALUE OF SANDHILLS COMMUNITY COLLEGE'S

# Aviation Management and Career Pilot Technologies Program



*The Aviation Management and Career Pilot Technologies program<sup>1</sup> was only recently established in 2018. In FY 2019-20, SCC enrolled 32 students in the program. Of these students, one graduated with an associate degree in FY 2019-20.*



THE SANDHILLS' SERVICE AREA, NC

## CAREER OUTLOOK

The Aviation Management and Career Pilot Technologies program can lead students into a number of occupations, which may include transportation, storage, & distribution managers; transportation security screeners; and reservation & transportation ticket agents & travel clerks. Many of the Aviation Management and Career Pilot Technologies program students will enter the Sandhills' Service Area<sup>2</sup> workforce.

Using the regional number of annual job openings for these occupations (three) and subtracting the FY 2019-20 SCC completers that may fill these openings (one), we arrive at a gap of two job openings.<sup>3</sup> There are five unique job postings at the associate degree or below for these occupations in the Sandhills' Service Area. The top three posting companies are American Airlines Group Inc.; Association of Air Medical Services; and General Dynamics Corporation.

### PROGRAM TO OCCUPATION MAPPING METRICS IN THE SANDHILLS' SERVICE AREA

Number of occupations	10
Jobs (2020)	66
Projected avg. job growth (2020-2029)	+2.4%
Annual openings (2020)	3
Median annual wage (2020)*	\$83,324

\* The median annual wage reflects all award levels.

## ALUMNI IMPACT

Former students of SCC's Aviation Management and Career Pilot Technologies program added \$7.6 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.

### ALUMNI LIFETIME EARNINGS INCREASE AND IMPACT

Lifetime earnings increase per completer

**\$846.4 thousand**

Total alumni impact in FY 2019-20

**\$7.6 thousand**



<sup>1</sup> The Aviation Management and Career Pilot Technologies program is defined by the following Classification of Instructional Programs (CIP) codes: Airline/Commercial/Professional Pilot & Flight Crew (49.0102), and Aviation/Airway Management & Operations (49.0104).

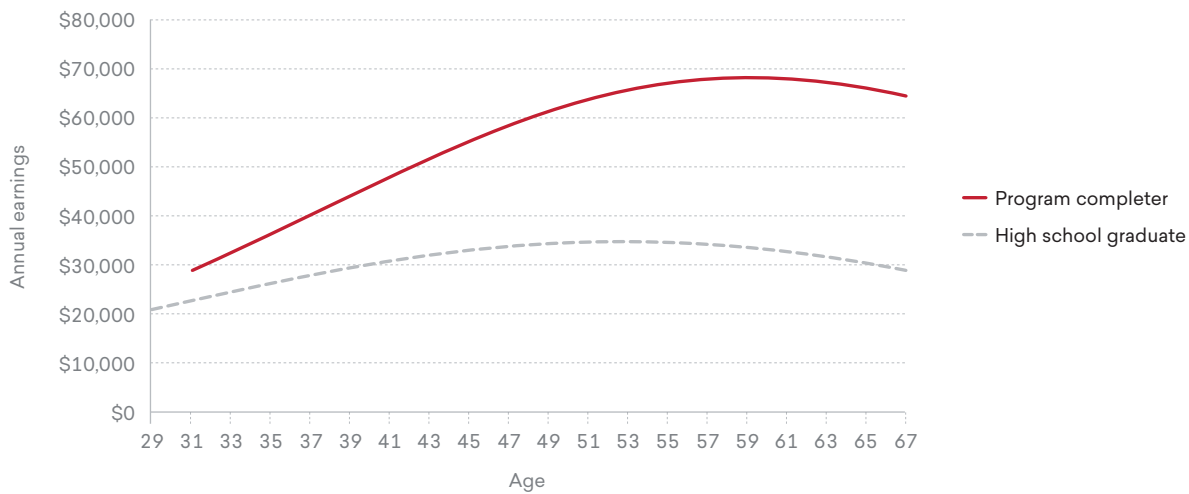
<sup>2</sup> For the purposes of this analysis, the Sandhills' Service Area is defined as Moore and Hoke Counties.

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

## STUDENT RETURN ON INVESTMENT

To earn a degree in the program, students experience costs in the form of 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 \$9.40 back over the course of their working lives. This investment can also be seen in terms of a rate of return of 25.8%. 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 \$897.2 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 \$30.6 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 \$927.8 thousand in benefits.

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



**\$927.8 thousand**