BCCC
BEAUFORT COUNTY COMMUNITY COLLEGE

FACT SHEET
JANUARY 2022

THE ECONOMIC VALUE OF BEAUFORT COUNTY COMMUNITY COLLEGE'S Engineering Technologies Program

The Engineering Technologies program[1] was established in 1990. In FY 2019-20, BCCC enrolled 70 students in the program. Of these students, two graduated with a certificate and 15 graduated with an associate degree in FY 2019-20

THE BCCC SERVICE AREA, NC

CAREER OUTLOOK

The Engineering Technologies program can lead students into a number of occupations, which may include mechanical drafters; electrical & electronic engineering technologists & technicians; and mechanical engineering technologists & technicians. Many of the Engineering Technologies program students will enter the BCCC Service Area[2] workforce.

Using the regional number of annual openings for these occupations (13) and subtracting the FY 2019-20 BCCC completers that may fill these openings (17), we arrive at a surplus of four student completers.[3] There are 19 unique job postings at the associate degree or below for these occupations in the BCCC Service Area. The top posting companies include Delhaize America, LLC; Weyerhaeuser Company; and GKN PLC.

ALUMNI IMPACT

Former students of BCCC's Engineering Technologies program added $4.1 million in income to the BCCC Service Area economy in FY 2019-20. This figure represents the increased wages collected by former students active today in the

PROGRAM TO OCCUPATION MAPPING METRICS IN THE BCCC SERVICE AREA

Number of occupations	8
Jobs (2020)	314
Projected avg. job growth (2020-2029)	+0.3%
Annual openings (2020)	13
Median annual wage (2020)*	$44,549

* The median annual wage reflects all award levels.

ALUMNI LIFETIME EARNINGS INCREASE AND IMPACT

Lifetime earnings increase per completer
$465.5 thousand

Total alumni impact in FY 2019-20
$4.1 million

1 The Engineering Technologies program is defined by the following Classification of Instructional Programs (CIP) codes: Mechanical Engineering/Mechanical Technology/Technician (15.0805), and Electrical & Electronic Engineering Technologies/Technicians, Other (15.0399).

2 For the purposes of this analysis, the BCCC Service Area is defined as Beaufort, Hyde, Tyrrell, and Washington Counties.

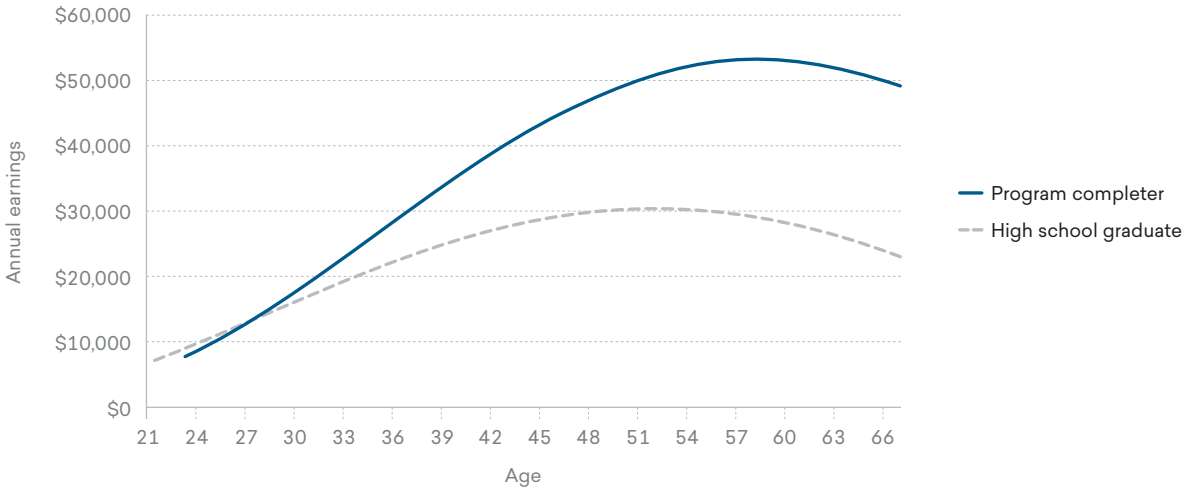
3 For the purposes of this analysis, only BCCC completers were considered when comparing to annual openings.

regional workforce as a direct result of their education, the increased output of businesses that employ these students, and the multiplier effects that occur.

STUDENT RETURN ON INVESTMENT

To earn a degree or 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 $8.50 back over the course of their working lives. This investment can also be seen in terms of a rate of return of 22.3%. 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 $857.6 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 $64 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 $921.6 thousand in benefits.

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

$921.6 thousand