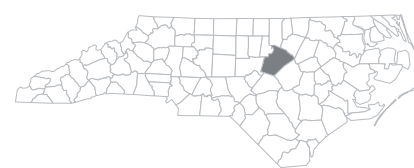


THE ECONOMIC VALUE OF WAKE
TECHNICAL COMMUNITY COLLEGE'S
**Networking and Computer
Technologies Program**



The Networking and Computer Technologies program¹ was only recently established in 2016. In FY 2019-20, WTCC enrolled 630 students in the program. Of these students, two graduated with a certificate and 37 graduated with an associate degree in FY 2019-20.



THE WAKE COUNTY
SERVICE REGION, NC

CAREER OUTLOOK

The Networking and Computer Technologies program can lead students into a number of occupations, which may include computer & information systems managers; project management specialists & business operations specialists; and computer systems analysts. Many of the Networking and Computer Technologies program students will enter the Wake County Service Region workforce.

Using the regional number of annual job openings for these occupations (725) and subtracting the FY 2019-20 WTCC completers that may fill these openings (39), we arrive at a gap of 686 job openings.² There are 1,126 unique job postings at the associate degree or below for these occupations in the Wake County Service Region. The top three posting companies are Wells Fargo; Accenture; and IBM.

ALUMNI IMPACT

Former students of WTCC's Networking and Computer Technologies program added \$541.7 thousand in income to the Wake County Service Region 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 WAKE
COUNTY SERVICE REGION

Number of occupations	9
Jobs (2020)	28,218
Projected avg. job growth (2020-2029)	+1.1%
Annual openings (2020)	725
Median annual wage (2020)*	\$86,306

* The median annual wage reflects all award levels.

ALUMNI LIFETIME EARNINGS
INCREASE AND IMPACT

Lifetime earnings increase per completer

\$916.5 thousand

Total alumni impact in FY 2019-20

\$541.7 thousand



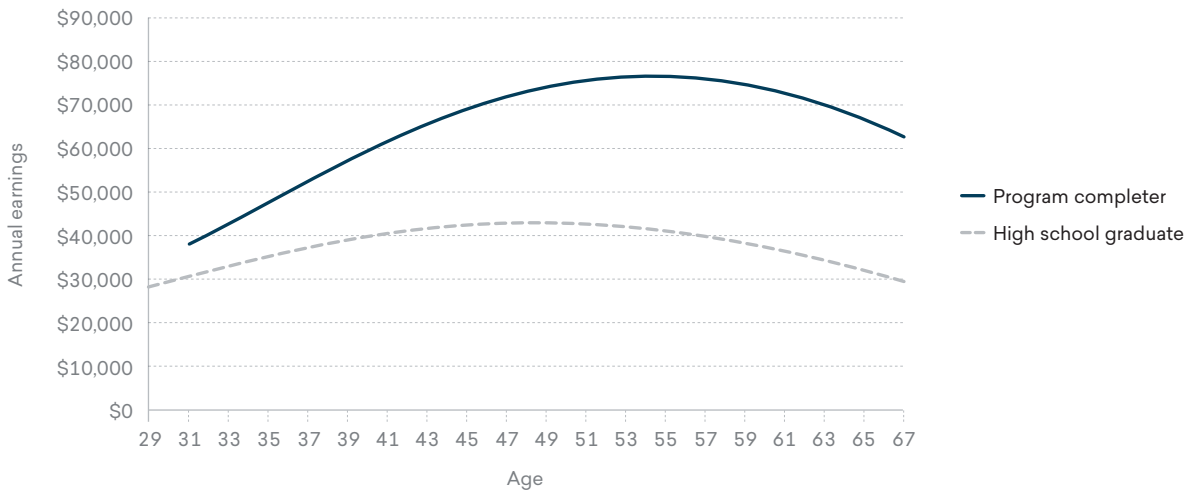
1 The Networking and Computer Technologies program is defined by the following Classification of Instructional Programs (CIP) codes: Information Science/Studies (11.0401), Computer Systems Networking & Telecommunications (11.0901), Information Technology (11.0103), and Computer Support Specialist (11.1006).

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

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 \$5.60 back over the course of their working lives. This investment can also be seen in terms of a rate of return of 20.9%. 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 \$10 million 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 \$336.3 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 \$10.3 million in benefits.

Throughout the students' working lives, **North Carolina taxpayers** gain in added tax revenue and public sector savings
\$10.3 million

