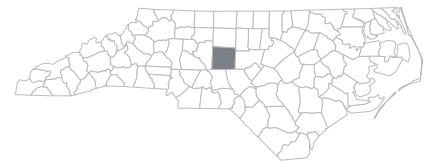


# THE ECONOMIC VALUE OF RANDOLPH COMMUNITY COLLEGE'S Radiography Program



The Radiography program<sup>1</sup> was established in 2003. In FY 2019-20, RCC enrolled 29 students in the program. Of these students, nine graduated with an associate degree in FY 2019-20.



RANDOLPH COUNTY, NC

## CAREER OUTLOOK

The Radiography program can lead students into a number of occupations, which may include radiation therapists; nuclear medicine technologists; and radiologic technologists & technicians. Many of the Radiography program students will enter the Randolph County workforce.

Using the county number of annual job openings for these occupations (three) and subtracting the FY 2019-20 RCC completers who may fill these openings (nine), we arrive at a surplus of six student completers.<sup>2</sup> There are 20 unique job postings at the associate degree or below for these occupations in Randolph County. The top three posting companies are Randolph Hospital, Inc.; Randolph Pulmonary & Sleep Clinic; and Fresenius Medical Care.

## ALUMNI IMPACT

Former students of RCC's Radiography program added \$405.3 thousand in income to the Randolph County economy in FY 2019-20. This figure represents the increased wages collected by former students active today in the county 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 RANDOLPH COUNTY

Number of occupations	4
Jobs (2020)	106
Projected avg. job growth (2020-2029)	+0%
Annual openings (2020)	3
Median annual wage (2020)*	\$37,421

\* The median annual wage reflects all award levels.

### ALUMNI LIFETIME EARNINGS INCREASE AND IMPACT

Lifetime earnings  
 increase per completer

**\$392.4 thousand**

Total alumni impact  
 in FY 2019-20

**\$405.3 thousand**



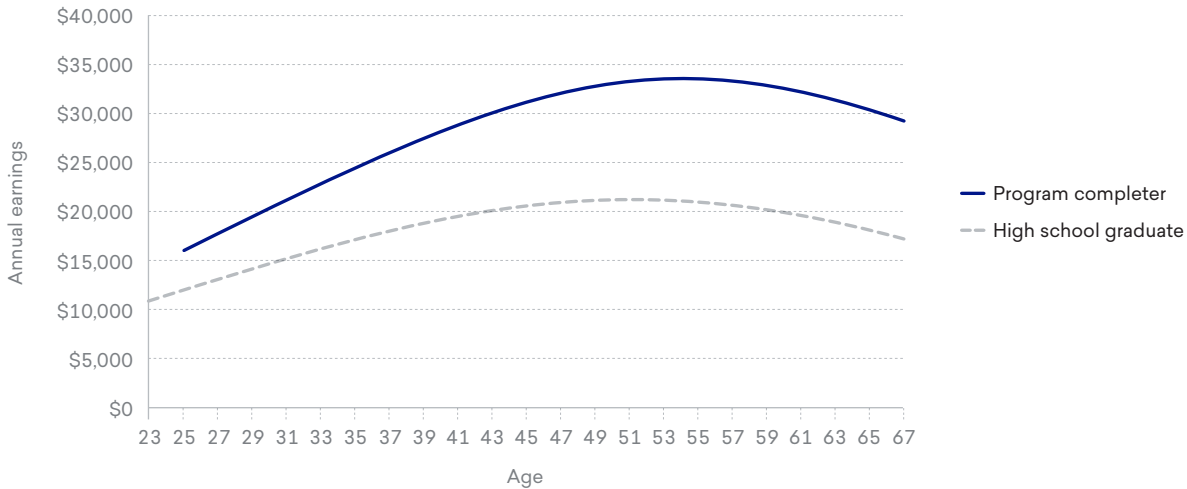
1 The Radiography program is defined by the following Classification of Instructional Programs (CIP) code: Radiologic Technology/Science – Radiographer (51.0911).

2 For the purposes of this analysis, only RCC 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 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 \$9.90 back over the course of their working lives. This investment can also be seen in terms of a rate of return of 29.5%. 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 \$625.2 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 \$17.8 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 \$643 thousand in benefits.

Throughout the students' working lives, **North Carolina taxpayers** gain in added tax revenue and public sector savings  
**\$643 thousand**

