

# The Economic Value of Asheville-Buncombe Technical Community College

Asheville-Buncombe Technical Community College (A-B Tech) creates a significant positive impact on the business community and generates a return on investment to its major stakeholder groups—students, taxpayers, and society. Using a two-pronged approach that involves an economic impact analysis and an investment analysis, this study calculates the benefits received by each of these groups. Results of the analysis reflect fiscal year (FY) 2019-20.



THE WESTERN GATEWAY, NC



## ECONOMIC IMPACT ANALYSIS

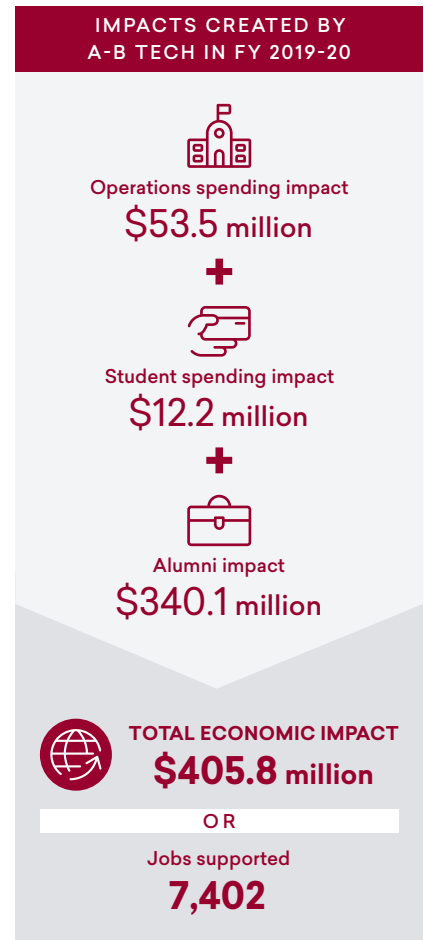
In FY 2019-20, A-B Tech added **\$405.8 million** in income to the Western Gateway\* economy, a value approximately equal to **1.8%** of the region's total gross regional product (GRP). Expressed in terms of jobs, A-B Tech's impact supported **7,402 jobs**. For perspective, the activities of A-B Tech and its students support **one out of every 41 jobs** in the Western Gateway.

### OPERATIONS SPENDING IMPACT

- A-B Tech employed 1,267 full-time and part-time faculty and staff. Payroll amounted to \$40.8 million, much of which was spent in the region for groceries, mortgage and rent payments, dining out, and other household expenses. The college spent another \$22.4 million on day-to-day expenses related to facilities, supplies, and professional services.
- The net impact of the college's operations spending added **\$53.5 million** in income to the regional economy in FY 2019-20.

### STUDENT SPENDING IMPACT

- Some in-region students, referred to as retained students, would have left the Western Gateway for other educational opportunities if not for A-B Tech. These retained students spent money on groceries, mortgage and rent payments, and other living expenses at regional businesses.
- The expenditures of retained students in FY 2019-20 added **\$12.2 million** in income to the Western Gateway economy.



\* For the purposes of this analysis, the Western Gateway is comprised of Buncombe, Haywood, Henderson, Madison, and McDowell Counties.

## ALUMNI IMPACT

- Over the years, students have studied at A-B Tech and entered or re-entered the workforce with newly-acquired knowledge and skills. Today, thousands of these former students are employed in the Western Gateway.
- The net impact of A-B Tech's former students currently employed in the regional workforce amounted to **\$340.1 million** in added income in FY 2019-20.



## INVESTMENT ANALYSIS

### STUDENT PERSPECTIVE

- A-B Tech's FY 2019-20 students paid a present value of **\$13.6 million** to cover the cost of tuition, fees, supplies, and interest on student loans. They also forwent **\$44.1 million** in money that they would have earned had they been working instead of attending college.
- In return for their investment, students will receive a cumulative present value **\$302.6 million** in increased earnings over their working lives. This translates to a return of **\$5.20** in higher future earnings for every dollar students invest in their education. Students' average annual rate of return is **27.3%**.

### TAXPAYER PERSPECTIVE

- Taxpayers provided A-B Tech with **\$41.8 million** of funding in FY 2019-20. In return, they will benefit from added tax revenue, stemming from students' higher lifetime earnings and increased business output, amounting to **\$84.3 million**. A reduced demand for government-funded services in North Carolina will add another **\$5.8 million** in benefits to taxpayers.
- For every dollar of public money invested in A-B Tech, taxpayers will receive **\$2.20** in return, over the course of students' working lives. The average annual rate of return for taxpayers is **7.1%**.

### SOCIAL PERSPECTIVE

- In FY 2019-20, North Carolina invested **\$115.6 million** to support A-B Tech. In turn, the North Carolina economy will grow by **\$934.8 million**, over the course of students' working lives. Society will also benefit from **\$18.6 million** of public and private sector savings.
- For every dollar invested in A-B Tech in FY 2019-20, people in North Carolina will receive **\$8.20** in return, for as long as A-B Tech's FY 2019-20 students remain active in the state workforce.

### STUDENTS SEE A HIGH RATE OF RETURN FOR THEIR INVESTMENT IN A-B TECH



Average annual return for A-B Tech students  
**27.3%**



Stock market 30-year average annual return  
**10.6%**



Interest earned on savings account (National Rate Cap)  
**0.8%**

Source: Forbes' S&P 500, 1991-2020. FDIC.gov, 6-2021.

### For every \$1...



**Students** gain in lifetime earnings  
**\$5.20**



**Taxpayers** gain in added tax revenue and public sector savings  
**\$2.20**



**Society** gains in added income and social savings  
**\$8.20**