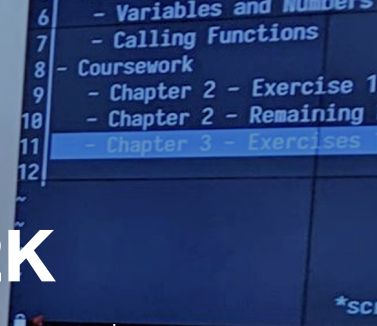WATER VALLEY, MS

# Base Camp Coding Academy

Since 2016, Base Camp Coding Academy has created a pipeline for under-advantaged rural youth in Mississippi to access career opportunities in software development. With TVA funding, Base Camp is expanding software development courses and programming to serve a more diverse population of adult learners.

**BUDGET**

## $562K

**$394K**
TVA Connected Communities

**$168K**
Proposed Match

## Background

⚠️

### Prospective Students Are Being Turned Away

With the success of the Base Camp Coding Academy, prospective students are being turned away because they do not meet the specific profile requirements. This has created a need to diversify and expand the student pipeline and further develop curriculum and services.

**ACHIEVEMENTS**

**6**
years of operation currently

**95%**
employment rate in graduates

**THE OPPORTUNITY**

### Need and Interest

There is an opportunity to diversify and expand the student pipeline and further develop curriculum and services by implementing the Base Camp Coding Academy Graduate Institute exclusively for individuals 22 or older.

## Scope

### Source Students

from different population sectors, including a broader age spectrum, diverse employment backgrounds and those who have life-debt challenges.

### Expand Services

such as curriculum design, training strategy and classroom teaching skills development and student support mechanisms (e.g., commuting assistance).

### Grow Funding

through support from local business and technology leaders and hiring partners.

**QUANTITY**

**2**
or more classes to graduate

**40-80**
graduates employed

**THE GOAL**

### Expand the Pipeline

of new software developers and coders in the tech sector who are at least 22 years of age and are from rural, under-advantaged populations.

**FOCUS AREA**
Economic Empowerment

HIRING

TVA — TENNESSEE VALLEY AUTHORITY

# Performance

## Key Performance Indicators

- Number of graduates employed in the technology sector
- Data collection on student performance, feedback, outcomes, stress testing results, etc.

# The Value

## Under-Advantaged Rural Mississippians

- Reduced opportunity gap for in software development and coding
- Access to new job options
- Career opportunities that do not require leaving the region

## Businesses and Local Economies

- A workforce for both current and future businesses in rural America
- A business-partner relationship as funding partners, advisors on curriculum and mentors to students

## Valley Communities

- Access to a case study for inspiration
- Access to new job options
- A playbook for implementation in other locations

# Key Partners

**PROJECT LEAD**

Base Camp Coding Academy

**ADDITIONAL PARTNERS**

Tennessee Valley Authority

# Timeline

**Learn more about this pilot project**

### January 2022
- Public announcement
- Begin staffing
- Begin outreach to target communities and recruitment

### February 2022
- Business community outreach
- Curriculum and support strategies design recruitment

### April 2022
- Facility preparation
- Purchase laptops for students

### September 2022
- First cohort begins
- Data collection from student performance, feedback, outcomes and stress testing results begins

### August 2023
- First cohort graduates
- Make program adjustments based on first cohort lessons learned

### September 2023
- Second cohort begins

TVA TENNESSEE VALLEY AUTHORITY