

## BridgeValley Community & Technical College Process Technology

September 8, 2025

### Program Summary

Bridge Valley's Process Technology AAS program prepares learners for careers as process operators, chemical operators, process technicians, and related roles. In West Virginia, these jobs are especially strong in the chemical, energy, and manufacturing sectors, where skilled operators are needed to run plants, refineries, and production facilities. Operators play a vital role in keeping these industries safe and productive, offering graduates stable careers that are central to the state's economy.



### Strengths & Noteworthy Practices

Bridge Valley's Process Technology program not only equips students with industry knowledge but also helps them develop the [Essential Employability Qualities](#) (EEQs) that employers consistently say matter most. Through their coursework, labs, and career supports, students strengthen communication, teamwork, problem-solving, professionalism, and digital literacy—skills that transfer directly into the workplace.

Employer partnerships and faculty with industry backgrounds ensure these qualities are taught in ways that reflect real expectations. Students practice working in teams under time pressure, communicating clearly with supervisors and peers, documenting processes accurately, and applying sound judgment to keep operations safe and efficient. These experiences help them build confidence and reliability alongside technical know-how.

Students also benefit from intentional supports that reinforce these employability qualities. Résumé writing, mock interviews, plant visits, and clear expectations for attendance, deadlines, and safety habits help them internalize the professional behaviors that lead to success. By combining technical learning with EEQs, the program prepares graduates to step into the workforce as dependable contributors who can grow and adapt in their careers.