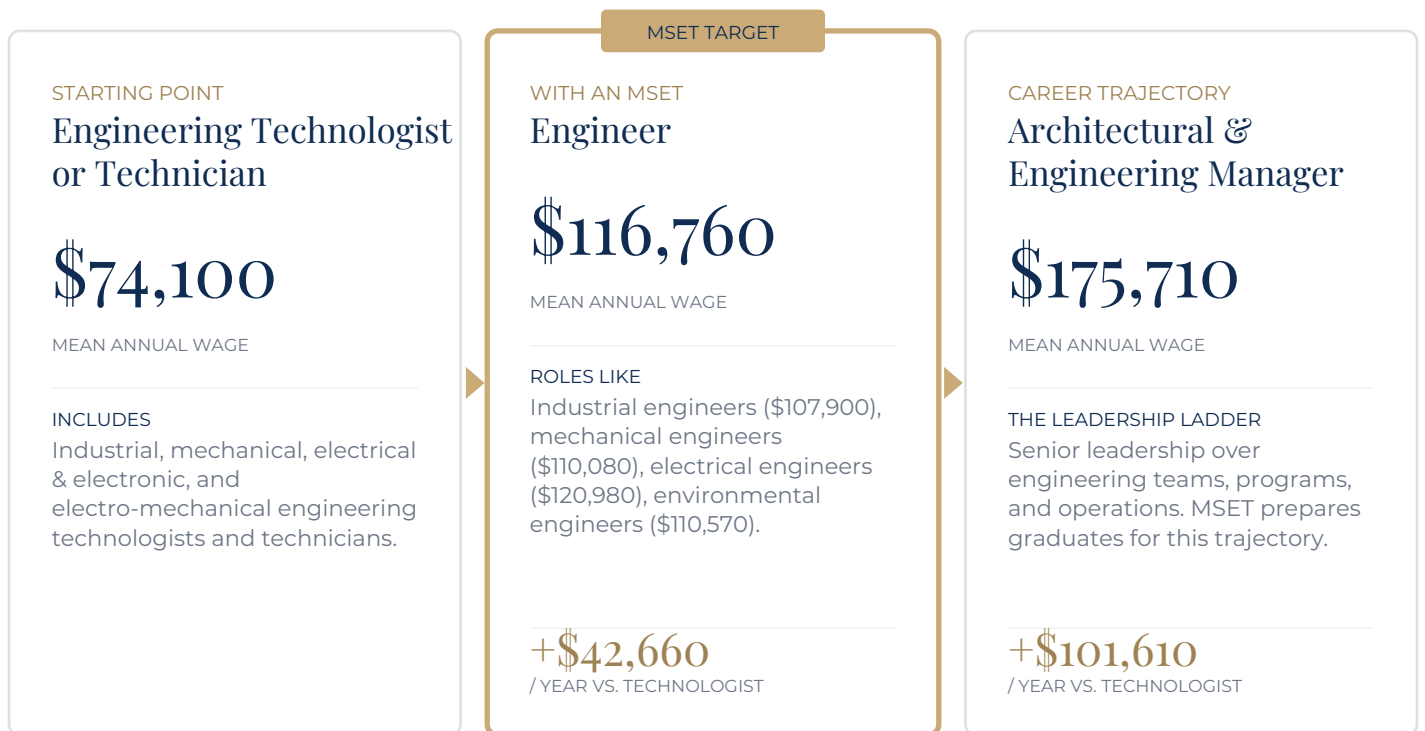


PROGRAM ROI · U.S. BUREAU OF LABOR STATISTICS, MAY 2024

# Your Career, by the Numbers

The MSET prepares engineering technologists and technicians to step into engineering and engineering leadership roles — where mean annual wages run substantially higher. Figures below come from the U.S. Bureau of Labor Statistics' national wage survey.



Over a 20-year career, the wage difference between staying in a technologist role and advancing into engineering leadership is roughly **\$2 million**.

**2×**  
LIFETIME EARNINGS POTENTIAL

Source: U.S. Bureau of Labor Statistics, Occupational Employment and Wage Statistics (OEWS), May 2024 national figures. Mean annual wages; individual roles, employers, and regions vary. [bls.gov/oes/tables.htm](https://bls.gov/oes/tables.htm)

## CAREER OUTCOMES · WHAT MSET DELIVERS

# Engineering Leadership for West Virginia's Growing Industries.

Engineering technology professionals with advanced degrees lead automation, manufacturing, and applied engineering operations across West Virginia and the broader Appalachian region. The MSET prepares working professionals to take on those roles — without leaving their jobs or their communities.

## ALIGNED SECTORS

- Advanced Manufacturing
- Energy & Grid Modernization
- Systems Integration
- Engineering Operations
- Industrial Automation
- Infrastructure Development
- Applied Engineering Research
- Technology Leadership

## PROGRAM AT A GLANCE

## A 30-credit graduate program built for working professionals.

## 30 CREDITS

10 graduate courses, capstone-anchored

## HYBRID &amp; ONLINE

Designed for full-time working professionals

## FALL 2026

Inaugural cohort begins August 1, 2026

### Ready to take the next step?

Applications are open for the Fall 2026 inaugural cohort.

Visit [bluefieldstate.edu/MSET](https://bluefieldstate.edu/MSET), email [admissions@bluefieldstate.edu](mailto:admissions@bluefieldstate.edu), or call (304) 327-4000.

[APPLY NOW](#)

The mean annual wage gap between engineering technologists and engineering managers is over \$100,000 per year nationally — the trajectory MSET is built to support.