

# WESTERN DAKOTA TECH

## Economic Impact Summit

August 15, 2018

Learn.Do.Now.

wdt.edu



# Western Dakota Tech

A strong resource and partner in western South Dakota.

Tiffany Howe, Vice President for Teaching & Learning

# Western Dakota Tech

- Current enrollment numbers
  - 1104 headcount
  - 820 FTE
  - 12,302 credit hours
- 13:1 Student-Faculty Ratio
- Experiential Learning Environment
- Online & On-Campus Options
- 92% of Graduates employed in degree-related field within 6 months
- Students earn average of \$16.96/hour starting
- 7% increase in retention due to the efforts of the Student Success Center

# Business & Computers

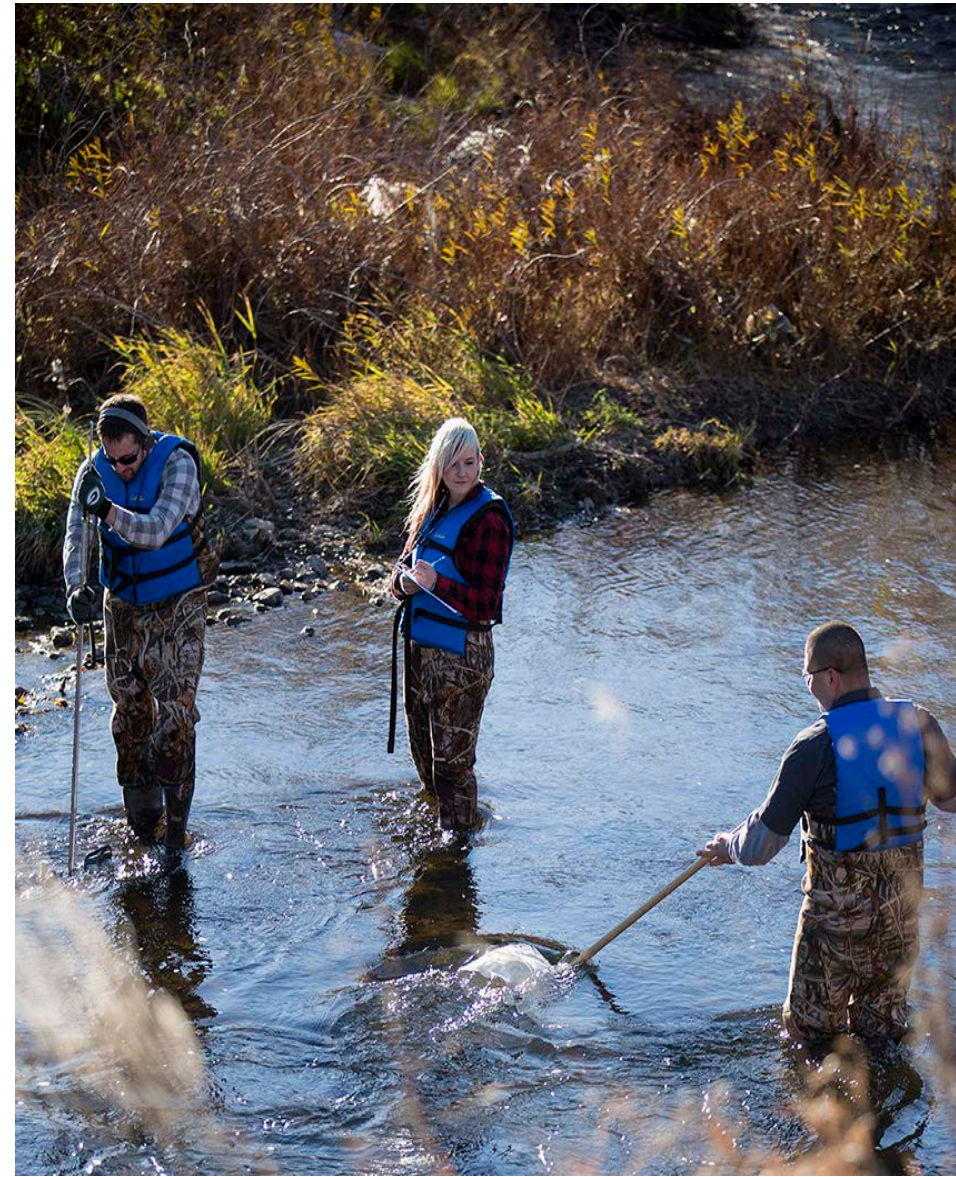


- Accounting
- Bookkeeping
- Business – Entrepreneurship
- Business & Technology
- Business – Office Professional
- Business - Social Media Marketing
- Computer Science/IT Specialist
- Library Technician



# Electrical & Environmental

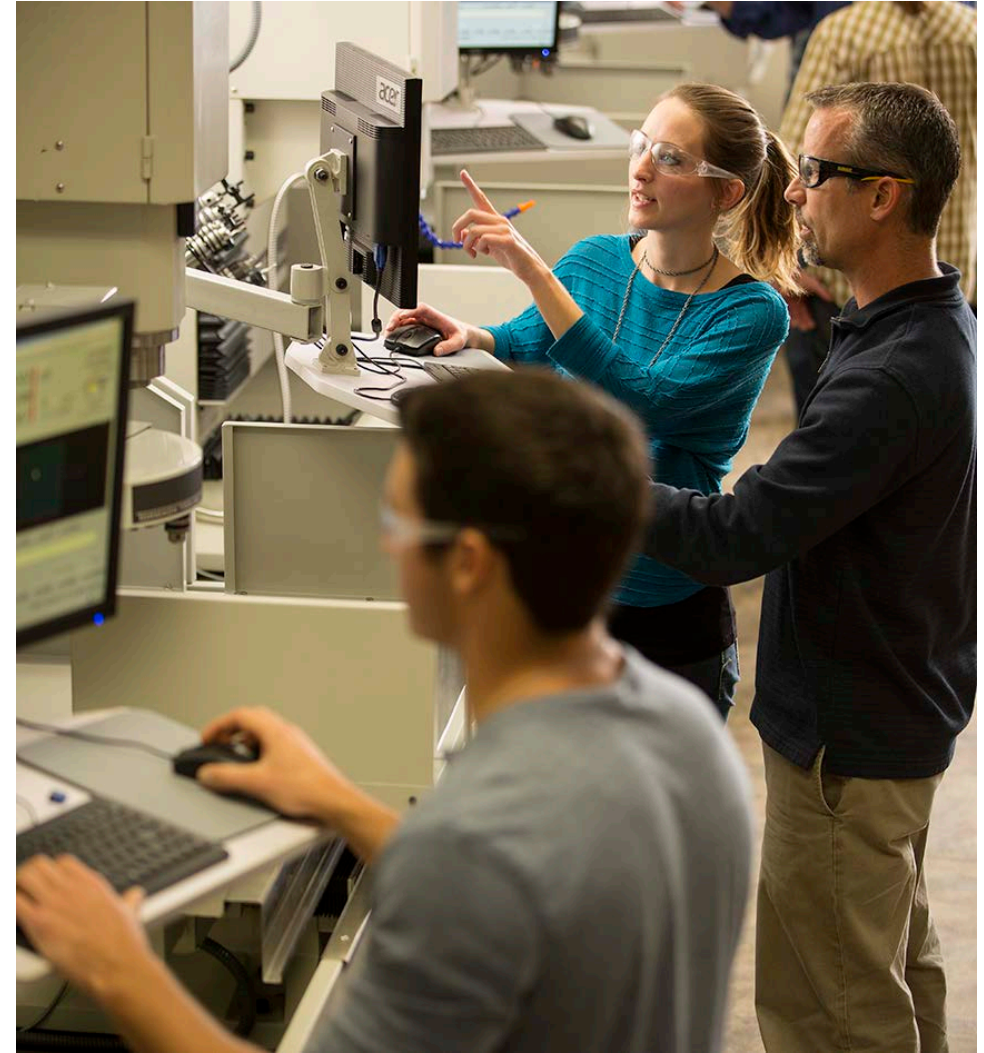
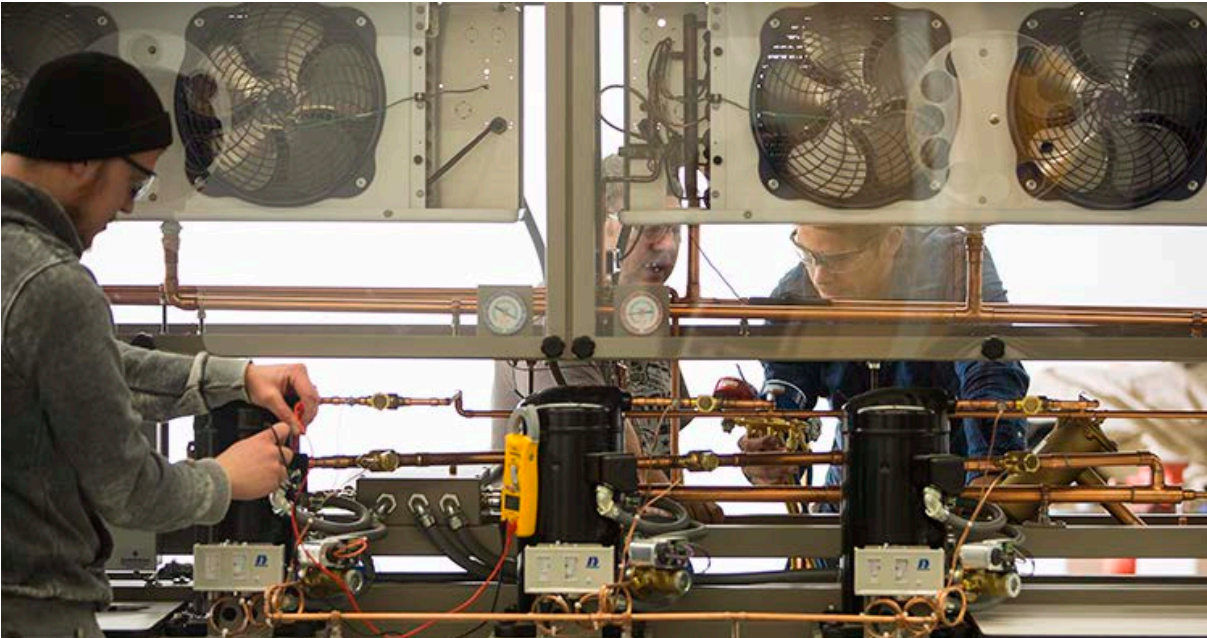
- Electrical Trades
- Environmental Engineering Technician





# Construction & Manufacturing

- Computer-Aided Design
- Construction Technology
- Drafting and Machining Technology
- HVAC & Refrigeration Technology
- Plumbing Technology
- Precision Machining Technology





# Transportation Tech and Welding

- Automotive Technology
- Diesel Technology
- Welding and Fabrication







# Healthcare

- Dental Assistant
- Health Information Management
- Medical Laboratory Technician
- Paramedic
- Phlebotomy/Laboratory Assistant
- Practical Nursing
- Surgical Technology
- Emergency Medical Technician (EMT)



# Law and Public Safety

- Criminal Justice
- Criminal Justice emphasis Law Enforcement



# Rapid City Economic Development

Improving the quality of life in Rapid City.

Ben Snow, President





# Black Hills Knowledge Network

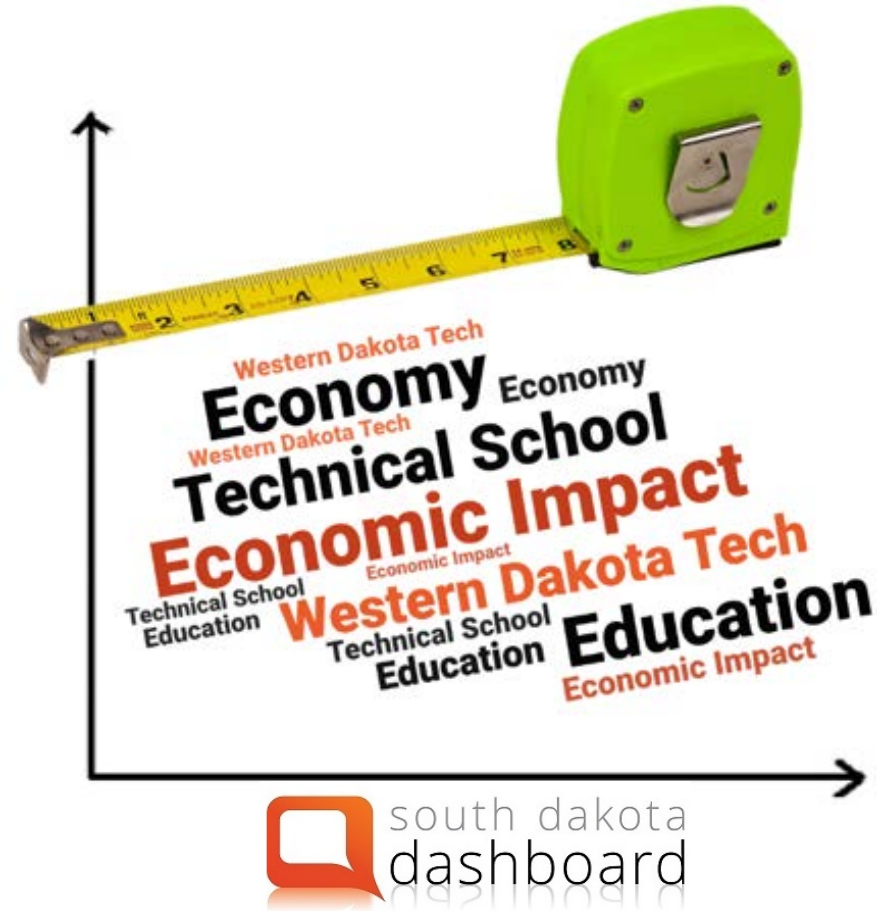
Connecting people to local information and ideas.

Dr. Jared McEntaffer, Regional Economist



# Measurement is Key

- We can't understand if we don't measure!
- SDDL + WDT = Success
- Compute average wages for WDT grads
- Compare to average wages in western SD





# Western Dakota Tech ROI

Education: the best investment.

Dr. Ann Bolman, President

Mark McGrath, Reporting & Analysis Director

## Supporting documentation and data sources:

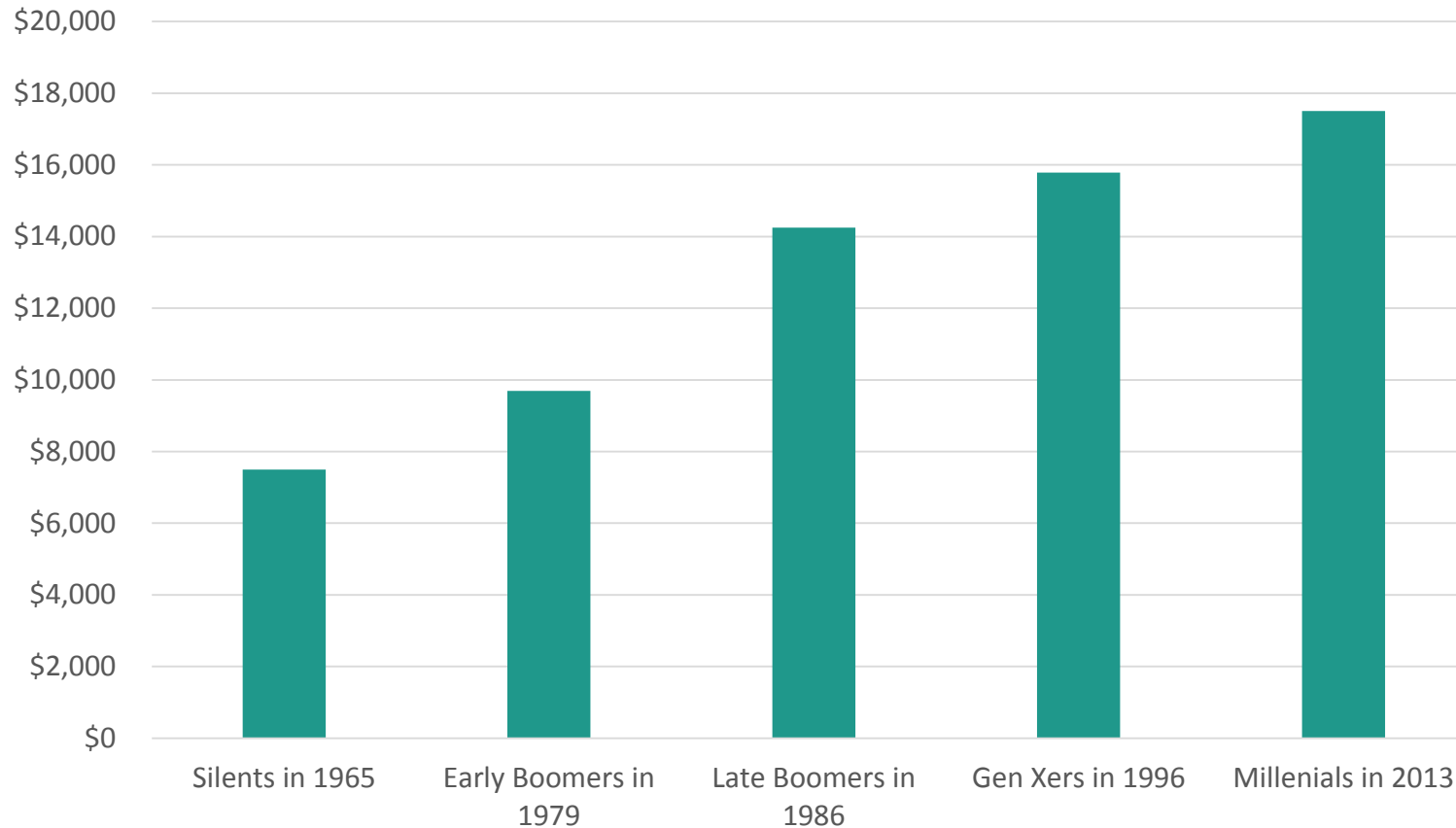


- WDT average wage analysis by Dr. Jared McEntaffer, Black Hills Knowledge Network
- Other sources as noted



# The Declining Value of a High School Diploma

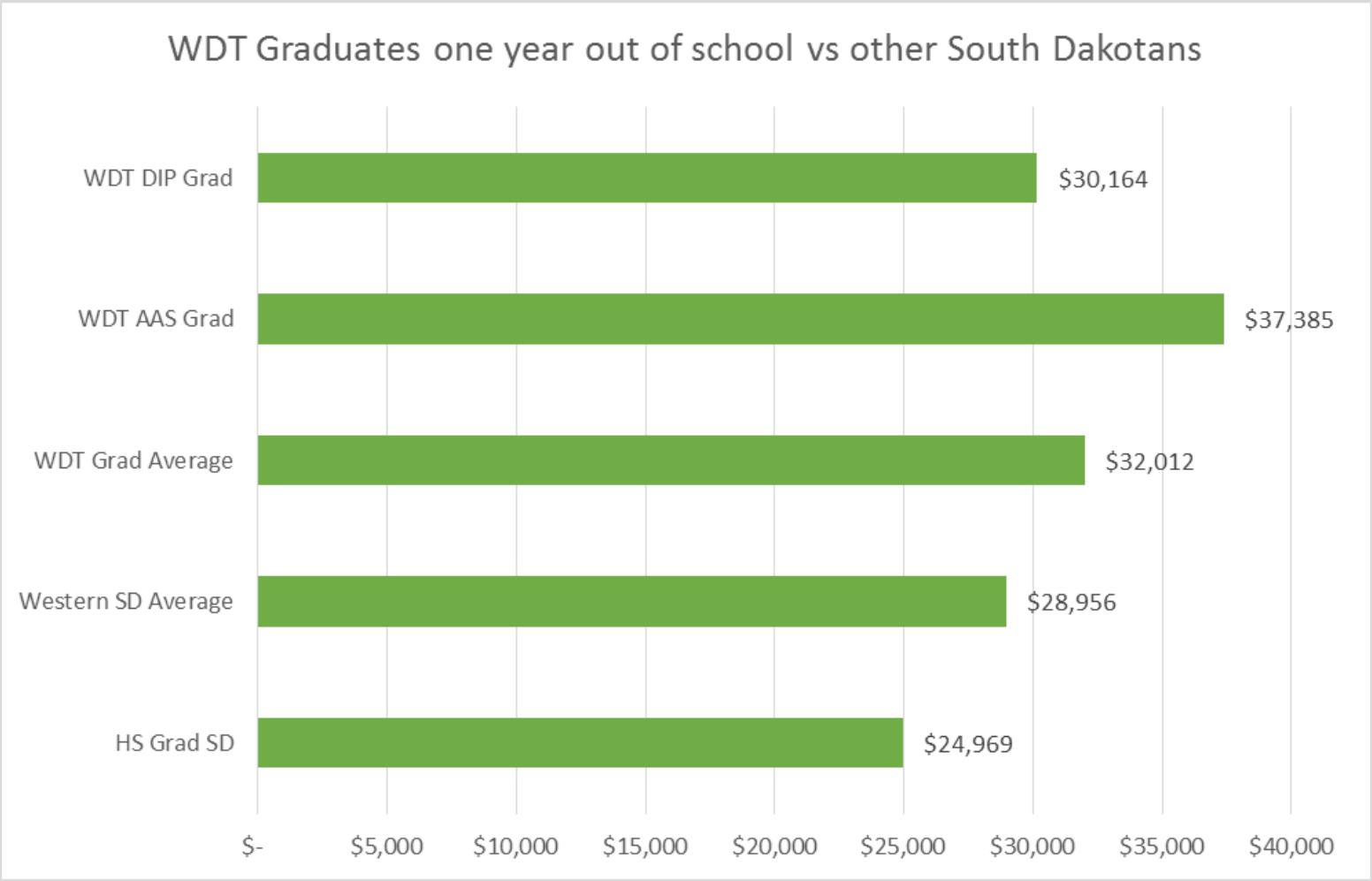
*The difference in median annual earnings of college and HS grads when members of each generation were ages 25-32*



Earning gap of young adults by educational attainment is widening

Source: Pew Research Center

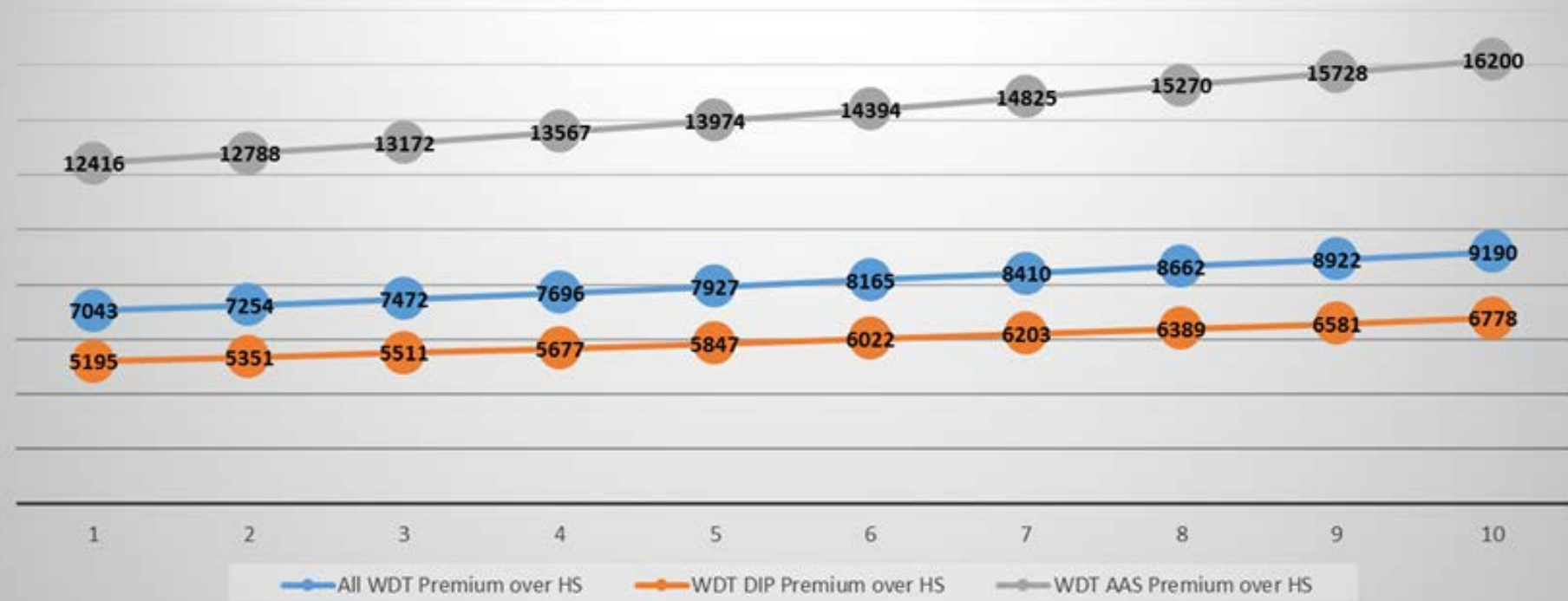
Just one year out of school, WDT Grads are earning 10%\* above Western SD average earnings



\*9.55%

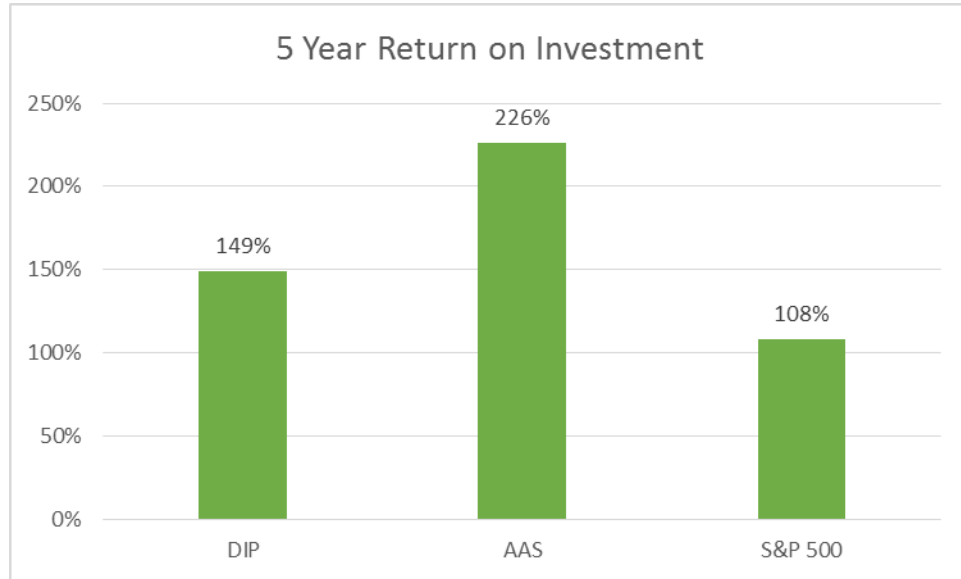
Source: Black Hills Knowledge Network based on data from S.D. Department of Labor, U.S. Bureau of Labor Statistics

## Annual WDT degree "Premium" Over High School Only

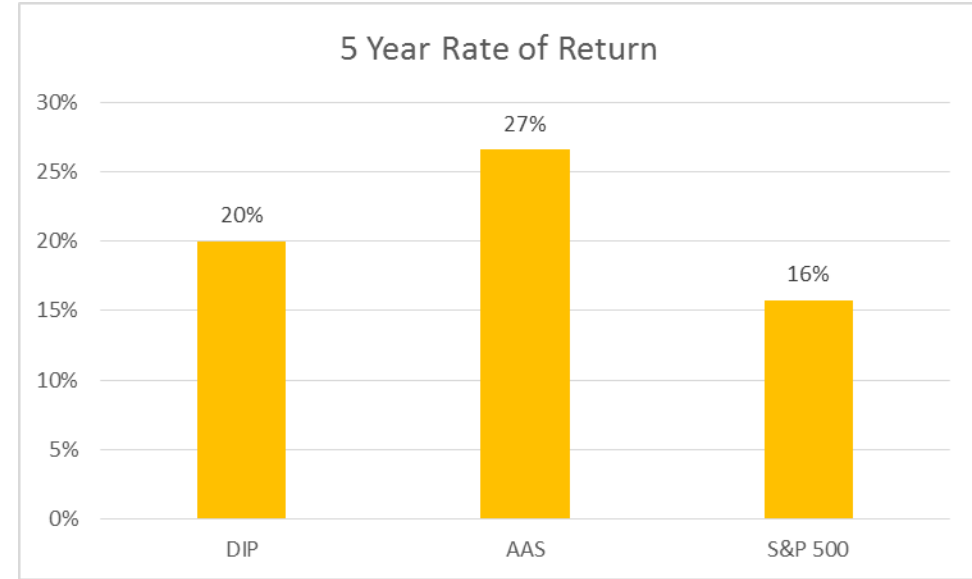




# Investing in Yourself Through a WDT Education



$ROI = (\text{Gain from Investment} - \text{Cost of Investment}) / \text{Cost of Investment}$



$\text{Compound Annual Growth} = (\text{Ending Value} / \text{Beginning Value})^{1/n} - 1$

## Over 2800 WDT Grads 2008 - 2017

### Associates Degree

- 1976 Graduates
- 1759 (89%) stay in SD
- 1548 (88%) remain West River SD
- Each AAS holder earns \$142,336 more than HS diploma only holder over 10 years

\$220,336,128



### WDT Diploma

- 839 Graduates
- 747 stay in SD
- 657 remain West River SD
- Each AAS holder earns \$59,555 more than HS diploma only holder over 10 years

\$39,127,635

## West River Earnings over HS Diploma holders

\$259,463,763

that's over a \$ QUARTER BILLION

# Alumni Testimonial

*“I can honestly say my successes in my career are a direct result of skills and the path I learned at WDT.”*

Terri Haverly, Ascent Innovation



# You've graduated! What's next?????



[wdt.edu](http://wdt.edu)

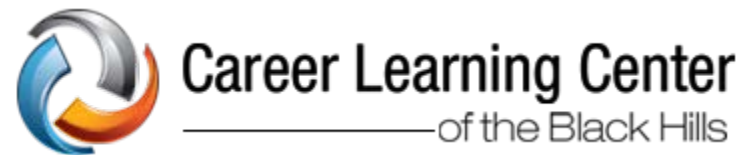




# Career Learning Center of the Black Hills

Empowering individuals to become self-sufficient through education, training, and employment.

Stephenie Rittberger, Adult Education Coordinator



# The Impact of Adult Education Services

- Black Hills Special Services Cooperative provides Adult Education in the communities of Rapid City, Sturgis, Spearfish, Belle Fourche, Hot Springs, and Custer.
- Adult education prepares learners with college and career readiness skills that lead to employment and/or the transition to post-secondary school.
- Adult education is a key “on-ramp” for workers to fill the workforce shortage with 1.5 million students enrolled across the country.
- By 2020, it is estimated the United States will be short 7.5 million private sector workers across all skill levels.
- Our percentage of GED graduates attending Western Dakota Tech and South Dakota Universities continues to increase each year.
- Our program focuses on supporting our students to develop career goals with post-secondary education and training as key components leading them to high-demand, high-wage careers.

# Western Dakota Tech Partnerships

An investment in our students and the community.

Chandra Calvert, Associate Dean of Advancement

# Community Partnerships

Community Partnerships ensure we are meeting the educational needs of the members of our community. Community Partners include the Career Learning Center, Department of Labor and Regulation, Prosperity Initiative, and offices of economic development.

## Benefit to Community

- Training programs critical to help individuals better their circumstances
- Streamlined services that are efficient and effective
- Wrap-around support
- Skilled workforce

## Benefit to WDT

- Students who have the support they need to be successful
- Students who have thoughtfully considered their program of study
- Connections for student needs



# Employer Partnerships

Employers are key to the success of WDT. They help guide our programs, hire our graduates, and ensure we are meeting actual workforce needs in our area.

## Benefit to Employers

- Input into programs, both new and updates to existing
- Skilled workforce pipeline
- Visibility
- Employees who want to stay in South Dakota

## Benefit to WDT

- Expert input
- Cutting-edge programs and technology
- Placement for students
- High-wage opportunities for students (average salary for 2017 graduates is \$16.96/hour six months after graduation)

Graduates Employed  
in South Dakota



Employed Graduates  
Working in Field



Overall Graduate Placement Rate  
Employed or Continuing Education



[wdt.edu](http://wdt.edu)



# Educational Partnerships

Our community works to support students through their academic journey, from career exploration through to graduation and employment. As an institution of higher education, we are always working to allow students to build on what they learn here.

## Benefit to Partners

- Exposure to training programs and careers (K-12)
- Input into career pathways
- Expertise on technical programs and how those skills fit into university programs/degrees
- Enrollment from students wanting to further their education

## Benefit to WDT

- More options for students to continue on a career pathway
- Enrollment of students who want to obtain stackable credentials/degrees

# Dual Enrollment

Current collaborations with: RCAS, Belle Fourche, Sturgis, Hill City, and Custer.

Dual enrollment students saved more than \$350,000 on tuition, fees, and books during the 2017-18 academic year.

## Quick Facts:

- Cost: \$48.33/Credit...a \$200/Credit savings!
- 397 Unique students
- 57% increase from 2016-17
- 8 SDBOR transferrable general education courses

# Partnerships Make It Possible

We need you!

Dr. Ann Bolman, President



# Questions?

WESTERN  
DAKOTA



T E C H