



# WESTERN DAKOTA TECH GRADUATES

WESTERN  
**DAKOTA**  
TECH



UNIVERSITY OF  
SOUTH DAKOTA

**If you have already earned an A.A.S. degree,  
you are half-way to a bachelor's degree at the  
University of South Dakota.**

**Earn only 60 more credits at University Center -  
Sioux Falls, and you'll have the qualifications to  
move up in your career.**

**For more information:** [SDUniversityCenter.org](http://SDUniversityCenter.org)  
**Phone number:** 605-274-9500



## UNIVERSITY OF SOUTH DAKOTA

### Cost – \$335 per credit hour

- Designed for workers who are ready to advance their careers
- Convenient class schedule

### Bachelor of Science in Technical Leadership

USD will accept up to 60 credits from your associate of applied science degree. Working with an advisor you'll choose additional courses offered at University Center-Sioux Falls to fulfill another 60 credits, for a total of 120 credit hours in the B.S. degree.

Each B.S. candidate will earn at least one certificate for 11-12 hours in the specific skills that will advance his or her career. These certificates also are available to students not currently seeking the bachelor's degree.

#### Certificates

- Communication and Leadership
- Healthcare Leadership
- Management
- Personnel Supervision
- Regulatory Affairs
- Small Business Entrepreneurship
- Web Design

## Completion of the Bachelor of Science in Technology Leadership

B.S. in Technical Leadership is interdisciplinary degree intended for students who have earned technical and/or Associate of Applied Science (AAS) degrees and want to further their education through a bachelor's degree. The program will provide the knowledge and skills needed to undertake leadership and supervisory roles that complement the technical expertise the student acquired at the community or technical college. Students may complete the degree immediately after completion of an AAS or after the student has gained additional technical work experience.

The certificates stack into the degree, creating multiple pathways for students to pursue the bachelor's while achieving short-term professional and academic benefit.

Students earning the B.S. will complete all general education requirements (30 hours) as well as completing at least one certificate in an emphasis area (minimum 11 credit hours of coursework) and finally, completing an internship course (A&S 494 – Internship) or a capstone course specific to the B.S. degree in Technical Leadership (A&S 489 – Technical Leadership Capstone.) All students will take 15-24 hours of electives, and at least 30 of the total credits must come from courses at the 300 or 400 level.

### Communication and Leadership Certificate

#### 12 credit hours

A certificate in Communication and Leadership will help develop exceptional communicators and innovative leaders to meet the demands of complex organizations within the global community. Students will develop highly-polished interpersonal and organizational skills needed to excel in the competitive corporate and non-profit environments.

#### Required:

- EDFN 475 – Human Relations
- LDR 404 – Leadership Communication & Conflict Resolution

#### Choose two of the following:

- ENGL 305 – Professional, Technical & Grant Writing
- SPCM 470 – Intercultural Communication
- SPCM 487 – Team Building and Group Decision Making

## Healthcare Leadership Certificate

### 12 Credit Hours

A certificate in Healthcare Leadership will help students approach healthcare topics as relationship-centered care, inter- and intra-professional collaboration, socially responsible and ethical decision-making and values-based change strategies in healthcare environments.

#### Choose one of the following:

- HSC 315 - Introduction to Public Health
- HSC 360 – Technology in Care Delivery

#### Complete the following three courses:

- HSC 380-Health Literacy and Culture Care
- HSC 450 – Patient Safety - Quality Improvement
- HSC 460 – Leading Change

## Management Certificate

### 12 Credit Hours

A certificate in Management will help to increase operational efficiency and to improve organizational processes, offering students topics relevant in today's rapidly evolving global market. Students will be able to manage and operate efficiently.

#### Required:

- BADM 369 – Organizational Behavior & Theory
- BADM 370 – Marketing

#### Choose two of the following:

- BADM 101 – Survey of Business
- ENTR 311 – Finance and Accounting for Entrepreneurs
- HRM 460 - Human Resource Management

## Personnel Supervision Certificate

### 12 Credit Hours

A certificate in Personnel Supervision will help provide mid-level managers in every industry the skills they need to plan, direct and coordinate programs. The program will enhance the knowledge and skills of employees to stay competitive in business.

#### Required:

- BADM 369 – Organizational Behavior & Theory
- HRM 460 – Human Resource Management
- HRM 466 – Training and Development

#### Choose one of the following:

- PSYC 430 - Organizational Psychology
- PSYC 460 – Psychological Perspectives on Diversity

## Regulatory Affairs Certificate

### 11 Credit Hours

A certificate in Regulatory Affairs will help provide understanding of the different pathways set forth by the FDA to take a drug/device/test from pre-clinical trials to products in the market place. These students will likely end up in the “quality assurance/quality control” side of a business.

#### Required:

- ISCI 151 – Integrated Science I
- ISCI 151L – Integrated Science I Laboratory
- ISCI 215 – Good Laboratory Practices
- ISCI 215L – Good Laboratory Practices Lab
- ISCI 353 – Regulatory Affairs

## Small Business Entrepreneurship Certificate

### 12 Credit Hours

A certificate in Small Business Entrepreneurship aims to incorporate problem-solving concepts, risk management, an ability to manage across functional boundaries and to evaluate market opportunities.

#### Required

- ENTR 311 – Finance and Accounting for Entrepreneurs
- ENTR 330 – Creativity, Innovation & Entrepreneurial Thinking
- ENTR 350 – Market Opportunity Analysis
- ENTR 481 – New Venture Planning & Development

## Web Design Certificate

### 12 Credit Hours

A certificate in Web Design provides the students conceptual thinking skills combined with technical skills in industry software (i.e. graphics, photo manipulation, digital painting, typography, text flow, and front end design and code.) Students can develop a body of creative works that can be added to their portfolios for job applications.

#### Required:

- ARTD 205 – Digital Design
- ARTD 215 \_ Typography
- ARTD 325 – Digital and Web Design I
- ARTD 425 – Digital and Web Design II



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