



LAKE AREA  
TECHNICAL COLLEGE

# LATC

State Board of Tech Ed Update



# Happenings at Lake Area Tech

- **Fall 2021 Enrollment looking strong**
  - Strategic Expansion of programs
  - Physical space constraints
  - Dual Credit Up Significantly
- **Fall's Return to Normal**
  - COVID Mitigation Plan
- **Aspen Rural College Excellence Advisory Group**
- **Community College Alliance for Agricultural Advancement**
- **I'M IN Capital Campaign**
  - 2 Buildings completed
  - Archway Complex with Advanced Manufacturing Lab and Diesel expansion wing in design/engineering
    - Adds 250 students
  - 3 projects in the wings





# More Camps this year

- **New: Drone Camp for Grades 9-12 and Youth Drone and Code Camp for Grades 3-8**

### Experience EPIC at Lake Area Tech Camps

Explore dozens of career fields at Lake Area Tech College's day-long camps. Each event provides high school students with hands-on learning experiences. Registration is free and lunch is provided. Lake Area Tech's camps are a great way to get to know the campus, meet instructors and discover potential career fields.

Register online now at [lakeareatech.edu](http://lakeareatech.edu) to get the inside scoop on all the exciting career opportunities open to you. Parents are welcome to join you.

### Senior Tech Days

November 3, 2021 9AM-2PM  
February 2, 2022 9AM-2PM  
Open to students in grade 12

Lake Area Tech hosts two Senior Tech Days. These visitation days are fun-filled, information-packed and help students decide the direction of their future. The day starts by allowing the students to fill the shoes of a Lake Area Tech student (we promise - no exams). Students find out what it's like to attend class by getting into some great discussions with instructors and current students, working in the labs and meeting new friends. Visitors then eat a free lunch and absorb information on the admissions process, applying for financial aid and scholarships, locating housing, and more! Parents and guardians are encouraged to attend.

### Drone Camp

December 3, 2021  
9AM - 2PM  
Open to students in grades 9-12

This one-day camp will provide hands-on learning in the areas of drones, coding, circuitry, 3D printing, robotics and more. Faculty and industry partners will be active in sharing knowledge, hands-on experiences and career advice. Students will have the opportunity to participate in the Lake Area Tech simulated drone racing league as well as receive their The Recreational UAS Safety Test (TRUST) certificate. Lunch will be provided. Limited enrollment.

### NESD Scrubs Camp

February 8, 2022  
9AM - 2PM  
Open to students in grades 9-12

An opportunity for high school students to learn more about health careers available in South Dakota through creative and interactive activities. It's an opportunity for students to experience first-hand the challenges, opportunities and rewards of health careers - all while learning about the skills and education required to become a health professional.

### Equity Camp

February 24, 2022  
Session 1: 8:30 AM - Noon  
Session 2: 11:30 AM - 2:30 PM  
Open to students in grade 10

Equity Camp is a unique and fun day where students have the chance to explore careers in a "non-traditional" field. Both males and females in 10th grade have the opportunity to experience hands-on activities in fields that are traditionally gender-specific. (Equity pre-education at the participating high schools is required and delivered by the Lake Area Tech Equity Coordinator.) Students who attend Equity Day are also given a post-education seminar for educational purposes.

### EPIC Trek

March 2, 2022  
9AM - 2PM  
Open to students in grades 10-12

The EPIC Trek allows students to experience career exploration with hands-on activities in one of eight different career areas on the campus of Lake Area Tech. Participants will register for one of the following career areas:

- Agriculture
- Business
- Computer
- Construction
- Health & Public Safety
- Industrial
- Style & Design
- Transportation



# 2021/2022 CAMP DAYS

### Women In Science/Men In Science STEM Camp

March 14, 2022  
9AM-2PM  
Open to students in grade 8

This event is for students who may have an interest in Science, Technology, Engineering and Mathematics (STEM) careers by connecting them with successful role models who are already working in STEM-related professions. The day consists of education, interesting presentations and fun, hands-on activities.

### Junior Tech Day

April 6, 2022 9AM-2PM  
Open to students in grade 11

Junior Tech Day is a fun-filled, information-packed day that will help 11th grade students jump-start their decision process and provide direction for their future. The day starts by allowing students to fill the shoes of a Lake Area Tech student (we promise - no exams). Students find out what it's like to attend class by getting into some great discussions with instructors and current students, working in the labs and meeting new friends. Career exploration will be the focus. Visitors then eat a free lunch and absorb some basic information on the admissions process, applying for financial aid and scholarships, locating housing, and more! Parents and guardians are encouraged to attend.

### Robot Games/STEM Day

April 27 & 29, 2022  
9:30AM - 2 PM  
Open to students in grades 3-12

Robot Games are for students who may have an interest in Science, Technology, Engineering and Mathematics (STEM). Robot Games is a Capstone Technology students in which the skills acquired over the course of their two years are put to the test. A free lunch will be provided (pizza) for all guests, as well as a tour and hands-on activities in STEM programs. Regional industry partners will be in attendance to talk with students interested in entering the STEM careers.

\*All camps are subject to change without notice.

### Youth Drone And Code Camp

June 1, 2022  
9AM - 4PM  
Open to students in Grades 3-8

This one-day camp will provide hands-on learning in the areas of drones, coding, circuitry, 3D printing, robotics and more. Faculty and industry partners will be active in sharing knowledge, hands-on fun and career advice. Lunch will be provided. Limited enrollment.



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(605) 582-5284  
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OUR \$440K IN LAKE AREA TECH SCHOLARSHIPS AVAILABLE!  
BUILD DAKOTA  
BETTER. FASTER. TOGETHER.

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AEROSPACE TECHNOLOGY  
AVIATION - AVIATION MAINTENANCE TECHNOLOGY  
AVIATION - PILOT  
BUILDING TRADES TECHNOLOGY  
BUSINESS  
COMMUNITY HEALTH WORKER

COMPUTER INFORMATION SYSTEMS  
COURT REPORTING  
CUSTOM PARTS FABRICATION  
DATA ANALYSIS DEVELOPER  
DIGITAL TECHNOLOGY  
ELECTRONIC SYSTEMS TECHNOLOGY  
ENERGY OPERATIONS

ENERGY TECHNOLOGY  
ENGINEERING TECHNOLOGY  
FINANCIAL SERVICES  
HEALTH CARE TECHNOLOGY  
HIGH PERFORMANCE ENGINE MECHANICS  
HUMAN SERVICES TECHNOLOGY  
LAW ENFORCEMENT

LAKE AREA  
TECHNICAL COLLEGE

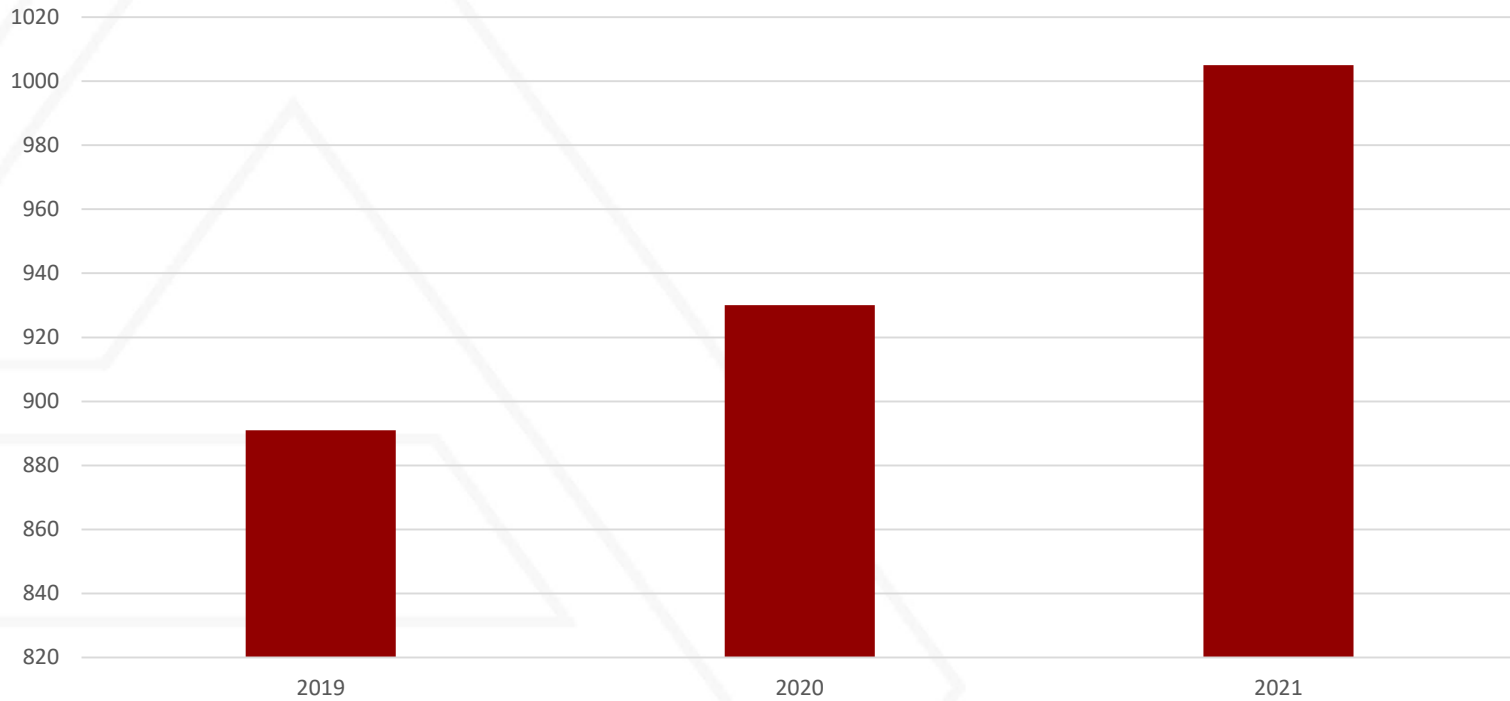
HEALTH CARE SERVICES - CERTIFIED  
MEDICAL LAB TECHNICIAN  
NURSING - PRACTICAL NURSING  
NURSING - REGISTERED NURSING  
OCCUPATIONAL THERAPY ASSISTANT

PHYSICAL THERAPIST ASSISTANT  
PERSONAL TRAINING  
ROBOTICS  
WEAVING TECHNOLOGY

\*High Performance Engine-Mechanics program will only be offered fall of 2022 if process number and/or resources available.

# FALL RECORD FRESHMEN ENROLLMENT

New Students in Programs  
Fall Enrollment



# FALL 2021 ENROLLMENT TRENDS

## STUDENTS IN PROGRAMS

- 1005 new students in programs
- Up 8.1% over Fall 2020 (+75)
- Largest Enrollment Increases
  - Diesel Technology
  - Community Health Worker
  - Energy Technology
  - Practical Nursing

## ONLINE

- 17.12% in online programs
- 25.24% taking one or more online courses

## GENDER

51.56% Male                      48.44% Female

## FIRST GENERATION

22.88% Self-Reported as first generation student

## DUAL STATUS/CONCURRENT

- 381 students enrolled
- Up 16.5% over Fall 2020
  - 35.7% - Watertown High
  - 64.3% – 63 other schools + home school

## BUILD DAKOTA/SCHOLARSHIPS

- 9.9% of students in programs are Build Dakota Recipients
- Of those 82% have a Stretch the Million partner
- Over \$1.4M in Build Dakota Scholarships to students this fall
- Additionally \$918K in Stretch the Million sponsorship
- Over \$3M in scholarship monies will be provided to LATC students this year/semester

Increase of **39.5%** in Fall unduplicated headcount since 2014





# “Return to normal” paradigm

- As we enter our third school year affected by COVID, we will maintain our risk mitigation approach, and return to normal operations with the exceptions that include: pandemic education, reporting, contact tracing, isolation and quarantining for exposure remain in place.
- It is a matter of limiting COVID-19’s spread/impact and protecting our “at high-risk” population.
- As the pipeline for providers of essential services, technical education is an essential service and must continue to operate effectively in the COVID-19 environment.





LAKE AREA  
TECHNICAL COLLEGE





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# LAKE AREA TECHNICAL COLLEGE

LAKEAREATECH.EDU



# FAST FACTS

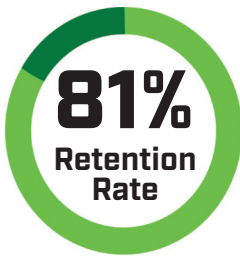
Fall 2021



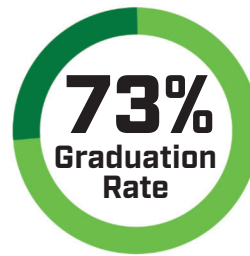
**99%** Job Placement\*  
[six months after 2020 graduation]  
78% employed in South Dakota

**\$20.10** Average hourly salary for graduates  
working in program area six months  
after graduation

**in the Nation for  
Middle-Class and  
Bottom-to-Top  
Economic Mobility†**



**96th percentile  
of US 2-year  
public colleges**  
(IPEDS first-time, full-time  
students - 2020-21,  
National Center for  
Education Statistics)

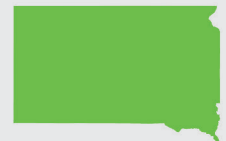


**Among best  
in nation for  
2-year colleges**  
(IPEDS first-time, full-time  
students - 2020-21  
IPEDS report)



**488 Graduates**  
• 337 AAS Degrees  
• 119 Diplomas  
• 37 Certificates

**78%**  
2020 Graduates  
Employed in South Dakota



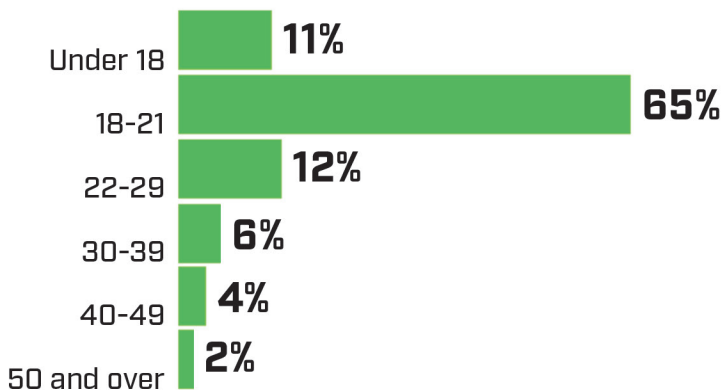
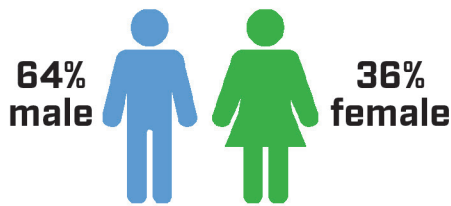
**M MITCHELL  
TECH**

\* Placement data is gathered through 2020 graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. 429 of the 435 graduates are represented in the data. Employment rate is figured by graduates employed/graduates seeking employment.

† Opportunity Engines: Middle-Class Mobility in Higher Education, The Brookings Institution, 2020. Based on averaging the rankings of middle-class and bottom-to-top mobility. Data used for this study is taken from the College Scorecard Data compiled by the U.S. Department of Education.

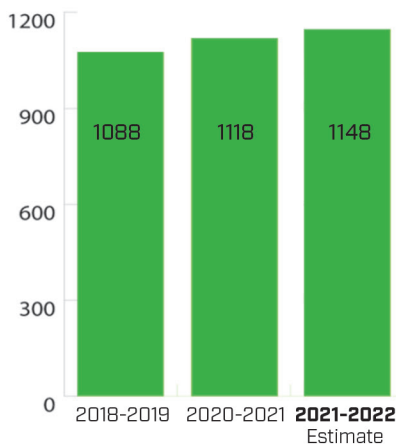
# Product (Students)

## Fall 2021 Student Demographics

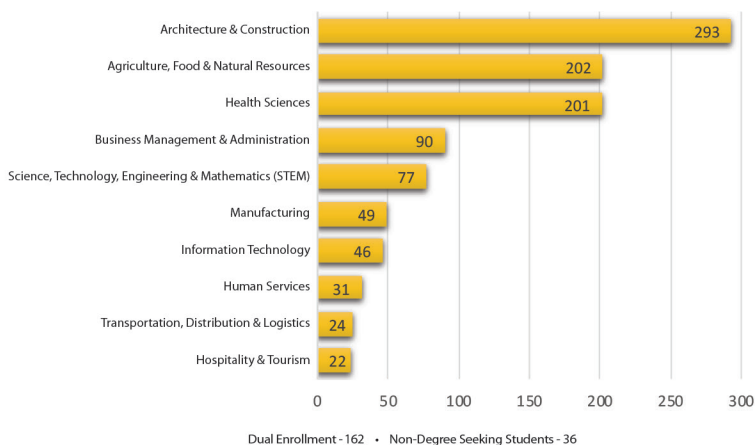


## Full-Time Equivalencies

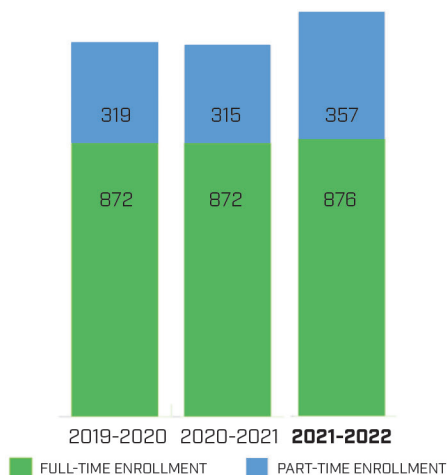
Student enrollment is measured in FTEs for the purpose of state funding of technical education. FTE is calculated by dividing the total student credit hours for which tuition was collected by a fulltime load of 30 credit hours.



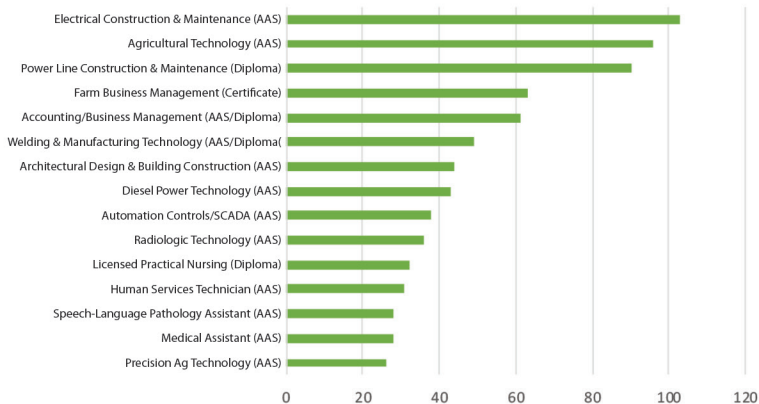
## Fall 2021 Student Enrollment by Career Cluster



## Full- and Part-Time Enrollment Trend



## Fall 2021 Student Enrollment By Top 15 Programs





## TUITION & FEES

**\$228.00**

[per gen ed credit]

More than **92%**  
of Mitchell Tech Students Receive  
Financial Aid

**\$5.35** Million in Federal  
Financial Aid Disbursed 2020-21



## 96 First-Year Mitchell Tech Students

Received Build Dakota Scholarships  
Valued at \$1.9 Million

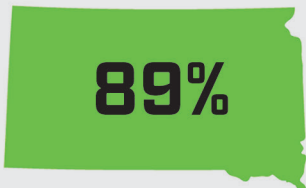


Over 350 Scholarships  
and Workforce Partnerships Totalling

**\$819,000**

Awarded for the 2021-22  
Academic Year

South Dakota Residents



of Fall 2021 Enrollment

**83%**

Employed 2019-20 Grads  
Work in South Dakota

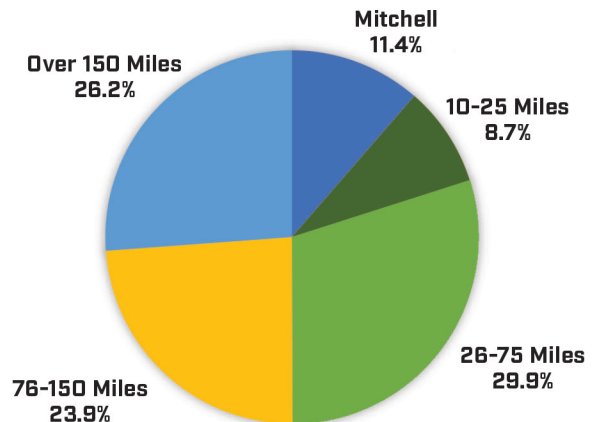


Program Internships

**73%**

of Programs Require an Internship

## Student's Distance from Hometown

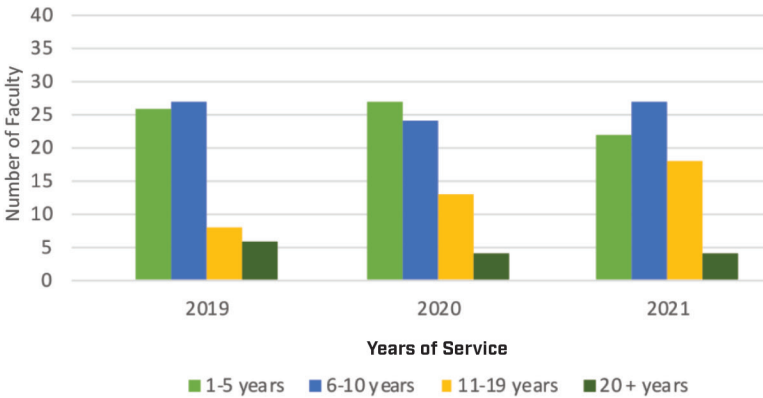


**69%**

of Incoming  
Full-Time Students  
Attend MTC Right Out  
of High School

# People (Faculty/Staff)

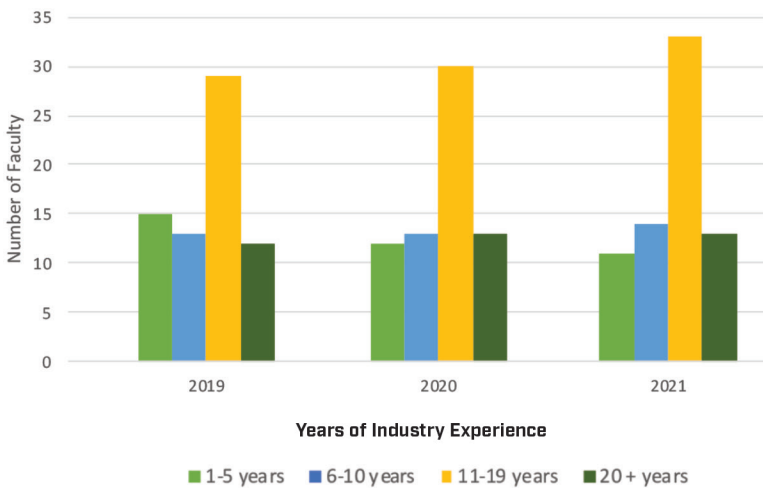
## Faculty Longevity



## Employees

Full-Time Equivalent	Student Ratio
FY22 Faculty – 72.9	16:1
FY22 Staff – 44.9	26:1
FY21 Faculty – 70.3	16:1
FY21 Staff – 42.1	27:1
FY20 Faculty – 70.3	16:1
FY20 Staff – 47.6	23:1

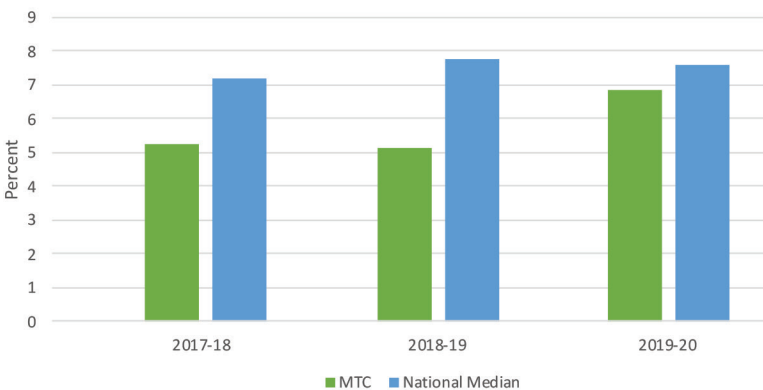
## Faculty Industry Experience



## Staff Degree Levels

Degree	#	Percentage
Diploma	12	25%
Associate's	14	29%
Bachelor's	11	23%
Master's	10	21%
Doctorate	1	2%

## Employee Turnover Rate



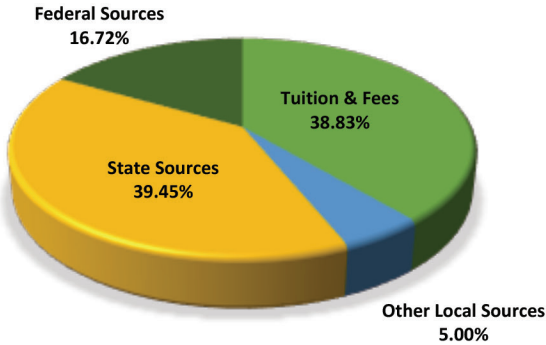
## Faculty Degree Levels

Degree	#	Percentage
Diploma	11	16%
Associate's	20	28%
Bachelor's	17	24%
Master's	20	28%
Doctorate	3	4%

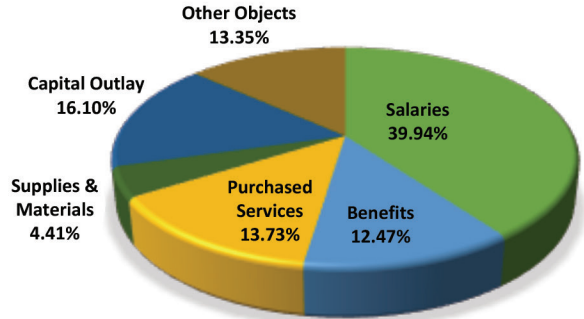
# 3-Year MTC Budget Information

## Fiscal Year 2022

### FY22 Budget Revenue

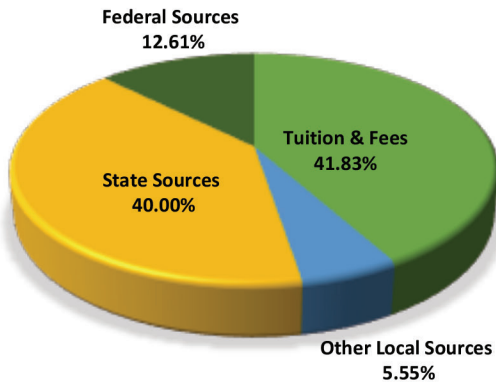


### FY22 Budget Expenditures

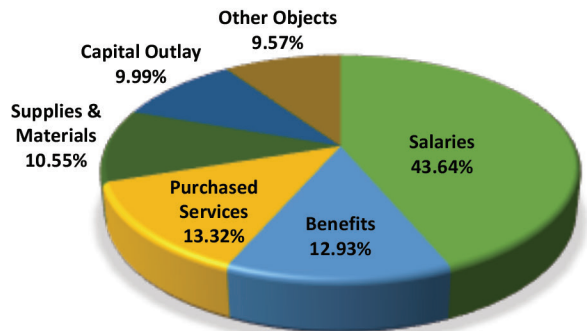


## Fiscal Year 2021

### FY21 Actual Revenue

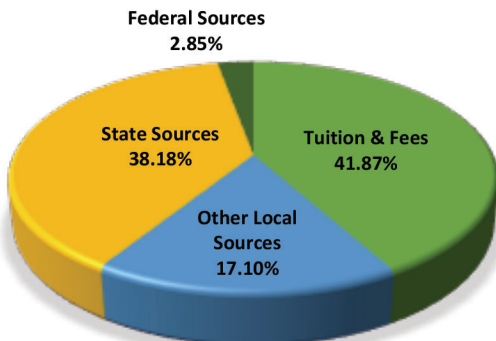


### FY21 Actual Expenditures

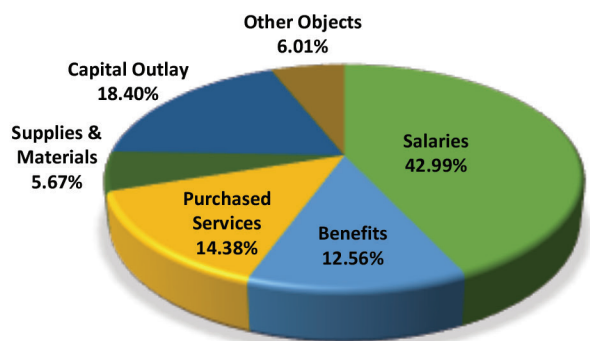


## Fiscal Year 2020

### FY20 Actual Revenue



### FY20 Actual Expenditures



# Plant (Facilities)

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## Current and Future Plans\*

Mitchell Technical College is situated on 80 acres of land conveniently located on Interstate 90 in Mitchell, South Dakota. The campus includes four state-of-the-art buildings, a utility training field and property leased to the 200-unit Campus Tech apartments. Aggressive expansion and enhancement plans are part of our future goals.

### Campus Center

2011; 63,240 sq. ft.

- Expand/Renovate for Radiologic Technology program area
- HVAC air-exchange system review and additional units
- Technology infrastructure and upgrades
- Relocate/renovate for Campus Store
- Renovate for Board and Advisory Room
- Expand/addition for Commons Area to exterior/outdoors
- Replacement of lighting to LED, floor coverings and paint
- Parking lot maintenance, sidewalks, and landscape upgrades

### Muth Electric Technology Center

2003/2009; 48,600 sq. ft.

- Renovate Wi-Fi & Broadband Technologies program area
- Technology infrastructure and upgrades
- Replacement of lighting to LED, floor coverings and paint
- Parking lot replacement/drainage, sidewalks, and landscape upgrades
- Renovate Amphitheater, Conference Center Area, and bathrooms
- Future addition of 12,000 sq. ft. - multi-purpose/shop space

### Diesel Tech/Butler Building

Off Campus, Purchased 2016; 7,270 sq. ft.

### Driver Training Center

Off Campus, Leased 2009; 5,000 sq. ft.

### Energy Training Center

2009; 43,000 sq. ft.

- Upgrades to the Energy Field for all Energy based programs
- HVAC review and full-system upgrade
- Technology infrastructure and upgrades
- Replacement of lighting to LED, floor coverings and paint
- Parking lot maintenance, sidewalks, and landscape upgrades
- Future addition of 14,000 sq. ft. - technical labs and common space
- Future 35,000 sq. ft. – Energy Field; multi-purpose/shop space

### Nordby Trades Center

2013; 55,151 sq. ft.

- Future addition: 30,000 sq. ft. technical lab/shop space - Ag. Power/Diesel
- Technology infrastructure and upgrades
- Replacement of lighting to LED, floor coverings and paint
- Parking lot maintenance, sidewalks, and landscape upgrades

### MTC's Multi-Purpose Complex I & II

FUTURE; 120,000 sq. ft.

- Complex I – 100,000 sq. ft. Agriculture based programs
- Complex II – 20,000 sq. ft. TBD Technical based programs



Completed in 2020, a new student lounge in the Muth Electric Technology Center gives students a place to call their own on campus. This area is equipped with a fireplace, big-screen TVs, a variety of furniture, a digital jukebox, and vending. Students can do everything from meet with a study group, de-stress with a game of pool, and hang out in between their classes. After-hours access to the lounge and additional furniture was added in 2021.

A new 24/7 fitness center for all students and employees was added to the Muth Electric Technology Center. Construction on the fitness center began in March of 2021 and was completed just in time for the 2021 school year to begin. The fitness center features various cardio and weight machines, plus dumbbells and free weights. The area also features two full bathrooms with showers.



In 2020, NextEra Energy donated gearboxes and hubs to transform our indoor Wind Turbine Technology lab. The 30-ton gearboxes rest on stands fabricated by our own Welding and Manufacturing department. This lab gives students the chance to troubleshoot and repair equipment on the ground, simulating what they would find inside a wind tower 300 feet in the air.

Changes have also been happening outside our campus buildings. Our 15-acre outdoor lab space is where you will find many of our students learning in an environment that mimics real-world scenarios.

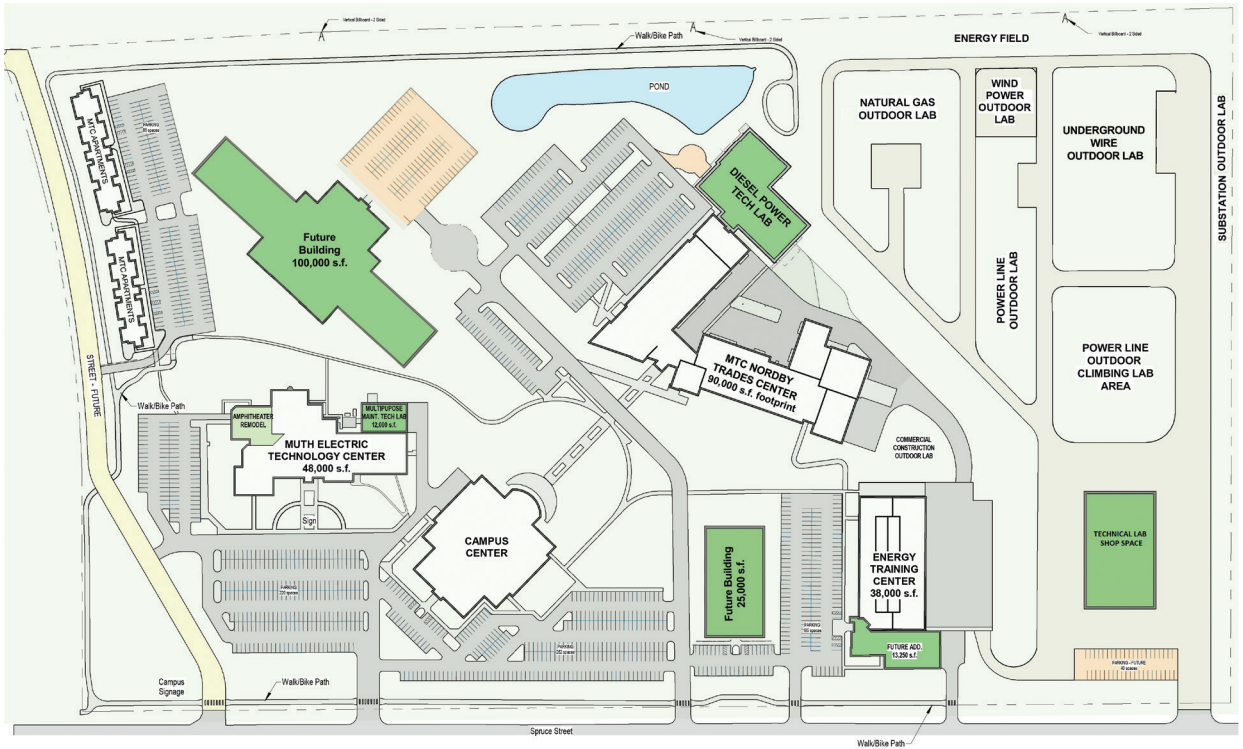


The Chef's Bistro in the Campus Center is always a favorite of students, employees, and the community! This area of campus has seen various renovations over the last two years, adding more space and a raised stage area in the Muth Electric Commons.





# Mitchell Technical College Master Campus Plan



## Vision

*Mitchell Technical College will be an innovative leader in technical education and a valued partner in global workforce development, preparing students for career success and lifelong learning in an ever-changing world.*

## Mission

*It is the mission of Mitchell Technical College to provide skills for success in technical careers.*

## Mitchell Tech At A Glance:

<b>Founded</b>	1968
<b>Location</b>	Mitchell, SD (Population 15,500)
<b>Accreditation</b>	The Higher Learning Commission
<b>Degree Granted</b>	Associate of Applied Science (AAS)
<b>Campus Size</b>	80 acres
<b>Total Current Enrollment</b>	1,233
<b>Tuition &amp; Fees</b>	\$228 per credit both in and out of state and online
<b>Scholarships Awarded</b>	350+ annually
<b>Financial Aid</b>	92% of students receive financial aid assistance
<b>Employment</b>	83% students work part-time or full-time while attending Mitchell Tech
<b>Placement</b>	99% of graduates find employment or continue their education 78% employed in South Dakota
<b>Faculty</b>	70 full-time instructors, 1 part-time instructor, and 1 adjunct instructor
<b>Student/Faculty Ratio</b>	16:1



**SOUTHEAST**  
Technical College

Presentation for State Board of Technical Education

Thursday, October 7, 2021

## Fall 2021 Campus Update

- Still maintaining COVID mitigation protocols
- Fall 21 up 2% in new students
  - Slight decline in overall headcount
  - 11% of our student enrollment from dual/concurrent credit
- Average student age is 23
- 46% of the students enrolled are part-time
- Growing minority student population (18%)
  - Increase from 12% → 16% → 18%
- 15% of students from out-of-state
  - 430 students



## New Partnership Initiatives for Fall 21

HABITAT FOR HUMANITY  
AND SOUTHEAST TECHNICAL COLLEGE  
**BUILDING TOGETHER**  
A Strong Workforce + Decent Affordable Homes

- Launched new Paramedic Science Program with Sanford Health
  - Using Sanford training facilities
  - Build Dakota eligible
  - 10 students starting this fall
- Kicked off partnership with Habitat for Humanity to help address housing & workforce shortage



**BUILD DAKOTA**  
SCHOLARSHIP FUND



# TOP TEN JOB OPENINGS

**Occupations in Sioux Falls MSA  
with Most Job Openings Advertised Online 09-12-2021**

The table below shows the occupations with the highest number of job openings advertised online on Sept. 12, 2021 in the Sioux Falls, SD Metropolitan Statistical Area (Jobs De-duplication Level 2).

<b>Rank</b>	<b>Occupation</b>	<b>Job Openings</b>
1	Registered Nurses	603
2	Licensed Practical and Licensed Vocational Nurses	293
3	Nursing Assistants	277
4	Customer Service Representatives	156
5	Heavy and Tractor-Trailer Truck Drivers	147
6	Retail Salespersons	137
7	Laborers and Freight, Stock, and Material Movers, Hand	118
8	Patient Representatives	97
9	Physicians and Surgeons, All Other	97
10	First-Line Supervisors of Retail Sales Workers	86

*Source: Online advertised jobs data, virtual labor market data system, downloaded 09-13-2021. Labor Market Information Center, SD Department of Labor & Regulation.*

# CAMPUS MAP



- ① MICKELSON CENTER
- ② SULLIVAN HEALTH SCIENCE CENTER
- ③ ED WOOD CENTER
- ④ SOUTHEAST TECHNOLOGY CENTER
- ⑤ STUDENT APARTMENTS
- ⑥ SCARBROUGH CHILDCARE CENTER
- ⑦ THE HUB
- ⑧ ZEAL

# HEALTHCARE SIMULATION CENTER

## COLLABORATION & PARTNERSHIP



### New Center for Simulation in Healthcare Training

- An Emergency Room Simulation Lab
- Six state-of-the-art Simulation Hospital Rooms
- Eight simulation Patient Exam Rooms for Cardiac, Vascular, and Diagnostic Medical Sonography
- Two New Surgical Suites
- A modernized cardiac invasive operating room for Cardiac Invasive Technology
- Five simulated general practice office exam rooms for Medical Assisting and Phlebotomy



# Nationally Ranked Programs

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## 2022 Best Community Colleges in America

Explore the top community colleges in your area based on key statistics and student reviews using data from the U.S. Department of Education. List includes public junior colleges, public technical schools, and all other public 2-ye: [More](#)




### #11 Best Community Colleges in America

## Southeast Technical College

2 Year • SIOUX FALLS, SD • ★★★★★☆ 123 reviews

Freshman: I just recently decided to move back home and go to school. STI was excellent at responding to my questions quickly. They have great customer service, everyone! [Read 123 Reviews](#)

 Overall Niche Grade • Acceptance Rate 100%







Thank you. Questions?

# WESTERN DAKOTA

TECHNICAL COLLEGE

## Board of Technical Education Update

October 7, 2021



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# JCA Site Visit- Sept. 21

- Automotive Tech (ASI Exam pass rates)
- Welding (Skills USA Championships)
- Surg. Tech (ATEA Championships)
- Sim Center (Sim people and integrated debriefing technology)
- Meat Cutting (Wall Meats facility)

WESTERN  
**DAKOTA**  
TECHNICAL COLLEGE



wdt.edu

Sp Adobe Spark

Western Dakota Tech recognized as a

# Great College to Work For

4 Years in a Row!



# Build Dakota Scholarship Update

	2020 (Cohort 6)	2021 (Cohort 7)
Industry partners	12	26
Applications	134	294
Awards	42	99
Students sponsored	15	33

\*Partnership with Elevate Rapid City.

\*Programs scheduling so students can work while in the programs.

\*New scholarship software.

\*Dedicated staff member.



WESTERN  
DAKOTA



TECHNICAL COLLEGE