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# Mission Statement

The North Dakota State College of Science is a **comprehensive**, associate degree-granting college founded on a **tradition of quality and integrity**. We deliver **learner-focused education** through a unique and evolving collegiate experience. Using **innovative delivery strategies**, NDSCS anticipates and **responds to statewide and regional workforce needs** by providing access to **occupational/technical programs, transfer programs, and workforce training**.



# Overview

- **Five Consecutive Years with over 3,000 Students**

- 2015 Enrollment:
  - 3,123 total headcount (3% increase from 2014)
  - 42% increase at NDSCS-Fargo

- **2015-16 Estimated Cost to Attend**

- Tuition/fees: \$4,571
- Room/board: \$6,030
- Books/supplies: \$1,000

- **Competitive Position**

- **6<sup>th</sup> best large 2-year public** for graduation rates (2014 – Chronicle of Higher Education)
- **2014 Career Preparedness Award** (ACT, Inc.)
- **3<sup>rd</sup> in nation:** 2-year colleges (2013 - Washington Monthly)
- **Top 10% 2-year colleges in the country** (2012 - Lumina Foundation)



# Outcome Stats

- **92%** of students either **graduated or transferred** to a different college/university<sup>^</sup>
- **2015 IPEDS Retention: 73%\***
- **2015 IPEDS Graduation Rate: 39%\***

<sup>^</sup>SAM Fall 2008 Cohort (N = 941) - <http://www.studentachievementmeasure.org/participants/200305>

\*IPEDS: First time, Full-time to NDSCS, does **not** track transfer students in/out

# What makes NDSCS unique?

- **Applied Learning Opportunities** – shops, labs, internships
- **CTE Programming** offered on a residential campus (NDSCS-Wahpeton)
- **98% Placement Rate** (2014 Graduate Placement Report)
- **Business and Industry Partnerships**
  - Student Sponsorships
- **Student Success Initiatives**
- **CTE/Transfer Program Mix**
- **CTE Program Space Requirements**
- **Multiple Program Delivery Sites**
- **Signature Programs**
  - Diesel Technology
  - Manufacturing Technology
  - Allied Health
  - Agriculture/Farm Management



# Collaboration

- **Collaborative Programs:**
  - NDSCS/NDSU Pathway Program
  - Tri-College University Membership
  - ND Space Grant Consortium
  - TrainND
  - NDSCS/NDSU Reverse Transfer Initiative
  - CTEC - North Dakota's five two-year colleges
  - Payroll services with NDSU
  - Learning Management System (LMS) with BSC and LRSC



# Collaboration Expansion

- Selected CTE programs offered in collaboration with Bismarck State College
  - **Possible:** Pharmacy Technician, Electrical, Plumbing, Process manufacturing
- Dental Assisting in northwest North Dakota in collaboration with selected dental offices
- Learning Management System platform shared among multiple colleges
- Grant opportunities



# Business Partner Program



# Mission Responsiveness

- **Provide examples of mission responsiveness opportunities based on needs you know about.**
  - Nursing in Oakes and Fargo
  - IT offering in Fargo/West Fargo
  - Developing process manufacturing in Fargo
  - TrainND Southeast
  - CNA in Jamestown
- **TrainND 2014-15 to 2015-16 Results**
  - Businesses served – 356
  - Repeat business – 229
  - Training events – 1,697
  - Participants (undup.) – 2,044
  - Registrations (dup.) – 4,083
  - Total training hours – 163,567
  - Satisfaction level – 99%
  - Direct Training Revenue generated – \$1,874,931



# What's Hot, What's Not

## 2012-2013 NDUS GRADUATES BY HIGH NEED CIP/MAJOR PROGRAM AREA

| Two digit CIP/Major Program Area *                                    | Number of Graduates |
|---|---------------------|
| 15 - Engineering Technologies & Engineering Related Fields (S)        | 102                 |
| 46 - Construction Trades (MR)   | 11                  |
| 48 - Precision Production (MR)  | 77                  |
| 01 - Agriculture, Agriculture Operations & Related Sciences (S)       | 64                  |
| 11 - Computer & Information Services & Support Services (S)           | 8                   |
| 12 - Computer & Information Science & Support Services (S)            | 6                   |
| 47 - Mechanic & Repair Technologies (MR)                              | 140                 |
| 51 - Health Professions & Related Programs (H)                        | 171                 |
| 52 - Business, Management, Marketing & Related Support Services (M)   | 18                  |
| <b>Total Students Graduated in High Needs CIP/ Major Program Area</b> | <b>597</b>          |
| Total Graduates   | 681                 |
| <b>All High Need CIP/Major Program Areas</b>                          | <b>87.7%</b>        |
| Healthcare CIP/Major Program Area                                     | 25.1%               |
| Maintenance & Repair CIP/Major Program Area                           | 33.5%               |
| Management CIP/Major Program Area                                     | 2.6%                |
| STEM CIP/Major Program Area   | 26.4%               |

Source: NDUS Programs Offered Programs Completed 2012-2013

Note: \*High need CIP families are those classified as graduating students primarily STEM (S); Management (M); Maintenance & Repair (MR); or Healthcare (H)

Source: North Dakota University System Programs Offered Programs Completed 2012-2013

\*Note: CIP classified as STEM (S); Healthcare (H); Management (M); or Maintenance Repair (MR)

09/02/14 JKW: Docs\StrategicPlan\STEM

# Future Opportunities



- WORKFORCE  
WORKFORCE  
WORKFORCE
- NDSCS-Wahpeton reaching capacity
- NDSCS-Fargo continued expansion
- DPI, Two-year colleges, Business/Industry, SBHE, Legislators deciding on what, when, who and how
- Colorado P-Tech model

# Typical student profile

- **Learning Location**
  - 42.1% Wahpeton Only
  - 9.4% Fargo Only
  - 6.3% Online Only
  - 15.7% Hybrid
  - 26.4% Early Entry (Dual Credit)
- **70.3% from North Dakota**
  - 50 ND counties represented
- **49.3% of students live on campus\*\***
- **Average ACT: 18.6<sup>^^</sup>**

\*\*percentage excludes Fargo-only and Early Entry (Dual Credit) students

<sup>^^</sup>Full-time students, 2014-15 data

# Student Success Story



## **Dr. Tammy Sturdevant**

*Owner, Perham Family Dentistry*

NDSCS – A.S. Dental Hygiene

MSUM – Undergraduate degree

U of M – Doctor of Dental Medicine

## **Ron Anderson**

*CEO, A&K Development Company*

NDSCS – Trade Technical Diploma  
(HVAC/R & Electrical)



# Questions?

