



ASSOCIATE OF SCIENCE DEGREE PROGRAM

Sustainable Energy

Sustainable Energy includes renewable energy sources (such as solar energy, wind energy, and energy from biomass) and technologies designed to improve energy efficiency. NHSC offers degrees in Sustainable Energy Technologies (SET). This program will provide you with the education needed to become solar installers, technicians and operators of both Solar and Wind technologies.

Cohort members engage in a two-year program leading to an Associate of Science in Sustainable Technologies Management.

After earning an Associate of Science Degree, cohort members have the option to continue on at NHSC for a Bachelor of Science in Environmental Science or transfer out.

Career paths available with a Sustainable Energy Technologies Associate of Science Degree compliments:

- Civil Engineering
- Construction Management and Engineering
- Industrial and Manufacturing Engineering
- Electrical and Computer Engineering
- Mechanical Engineering and Applied Mechanics
- Environmental Science
- Environmental Geoscience

TOGETHER WE THRIVE

Start Your Career Today!



701-627-4738 | NHSC.EDU

301 College Drive, New Town, ND 58763

GENERAL EDUCATION COURSES

COURSE/TITLE CREDITS

ENGLISH & SPEECH (9)

COMM 110	Fundamentals of Public Speaking	3
ENG 110	Composition I	3
ENG 120	Composition II	3

FOUNDATIONS & FITNESS (2)

PSY 100	Psychology of Student Success	1
ASMT 200	Assessment of Student Learning	1

HUMANITIES & NATIVE AMERICAN STUDIES (6)

NAS 201	History of TAT	3
NAS 113/115 or 117	Hidatsa, Mandan, Arikara	3

MATH, SCIENCE & TECHNOLOGY (11 AS ADVISED)

MA 103 (or above)	College Algebra	4
CHEM 121	General Chemistry I	4
CSCI 101	Introduction to Computers	3

SOCIAL/BEHAVIORAL SCIENCE (6 AS ADVISED)

POLS 234	Basic Indian Law	3
PSY 111 or SOC 110	Intro to Psych or Intro to Soc.	3

WELLNESS (2 AS ADVISED)

		1
		1

SUSTAINABLE MANAGEMENT TECHNOLOGIES (16) field of study

SET 101	Intro to Sustainability	3
SET 102	Intro to Wind	3
SET 110	Basic Electronics	4
SET 201	Energy Efficiency	3
SET 121	Photo Voltaic's I	3
SET 221	Photo Voltaic's II	3

CORE REQUIREMENTS

IF ON ENVIRONMENTAL SCIENCE TRACK (12)

BIO 150	Biology I	4
BIO 151	Biology II	4
SOIL 210	Intro to Soil Science	4
CHEM 121	General Chemistry I	4
MA 105	Trigonometry	2

CORE REQUIREMENTS

IF ON ENGINEERING TRACK (6) MATH (6)

MA 129	Elem, Linear Algebra	3
MA 165	Calculus I	4
MA 166	Calculus II	4
MA 265	Calculus III	4
ENGR 115	Intro to Engineering	4
ENGR 201	Statics	3
ENGR 202	Dynamics	3
ME 223	Mechanics of Material	3
EE 206	Circuits I	4

PREREQUISITES

MA 103	College Algebra (Pre- Engineering/Mathematics/ Science/4 yr. Nursing/Sustainable Management)
NAS 113	Hidatsa, NAS 115–Mandan, NAS 117-Arikara
EE 206	Circuits I (May replace SET 110 Electronics if Pre-Requisites are met.)
SET 101	Prerequisite for SET102 and SET110
SET 110	Prerequisite for SET121
SET 121	Prerequisite for SET221





Achieve Your Goals at NHS College

Gain specialized training, get a jumpstart on your college career or obtain a bachelor's degree. NHS College offers you in-demand certificate programs and associate degrees as well as three bachelor's degrees.

Plus, we provide you:

- Support from engaged instructors
- Small class sizes and
- Services to help you achieve your academic goals

WE ARE READY.

Begin Your Journey with Us Today!

NHS College offers high-quality cultural, academic and vocational education and provides encouragement and support to facilitate your successful college career.

NHS enhances quality of life and builds a strong and positive identity for the Mandan, Hidatsa and Arikara Nations that make up the Three Affiliated Tribes.



NHS MAIN CAMPUS

301 College Drive, PO Box 490, New Town, ND, 58763
PH: 701-627-4738 | Mon-Fri: 9am – 5pm

NHS MENTOR SITES

MANDAREE – FRANCES WHITE

PH: 701-759-3545
EM: fwhite@nhsc.edu

PARSHALL – SUSIE SIMPSON

PH: 701-862-2106
EM: ssimps@nhsc.edu

NHS MENTOR SITES

Twin Buttes – Sierra
Spotted Bear
PH: 701-421-1342
EM: sabe@nhsc.edu

WHITE SHIELD – LEONARD HOSIE

PH: 701-743-4552
EM: lhosie@nhsc.edu

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A BRIGHTER FUTURE AWAITS YOU!

Invest in your tomorrow by creating a career path today. NHS College offers you many choices in degree levels and academic programs:

CERTIFICATES

- Early Child Development
- Entrepreneurship
- Welding
- Middle School Math
- Middle School Science

ASSOCIATE DEGREES

- Business Administration
- Early Child Development
- Environmental Science
- Equine Studies
- HS Social Work
- HS Addiction Studies
- General Studies
- General Studies: Pre-Nursing Emphasis
- Mathematics
- Pre-Engineering
- Science
- Computer Science

BACHELOR'S DEGREES

- Elementary Education
- Environmental Science
- Native American Studies

